

FIG.

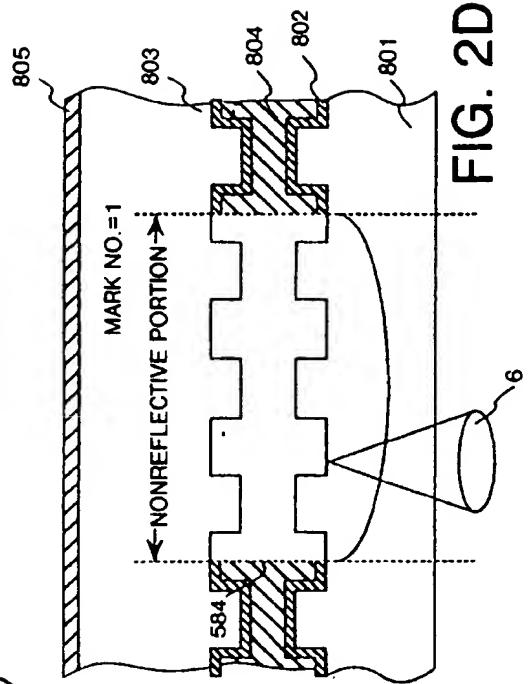
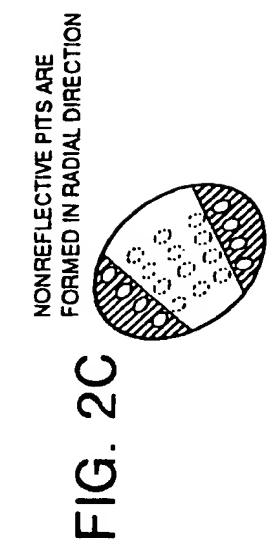
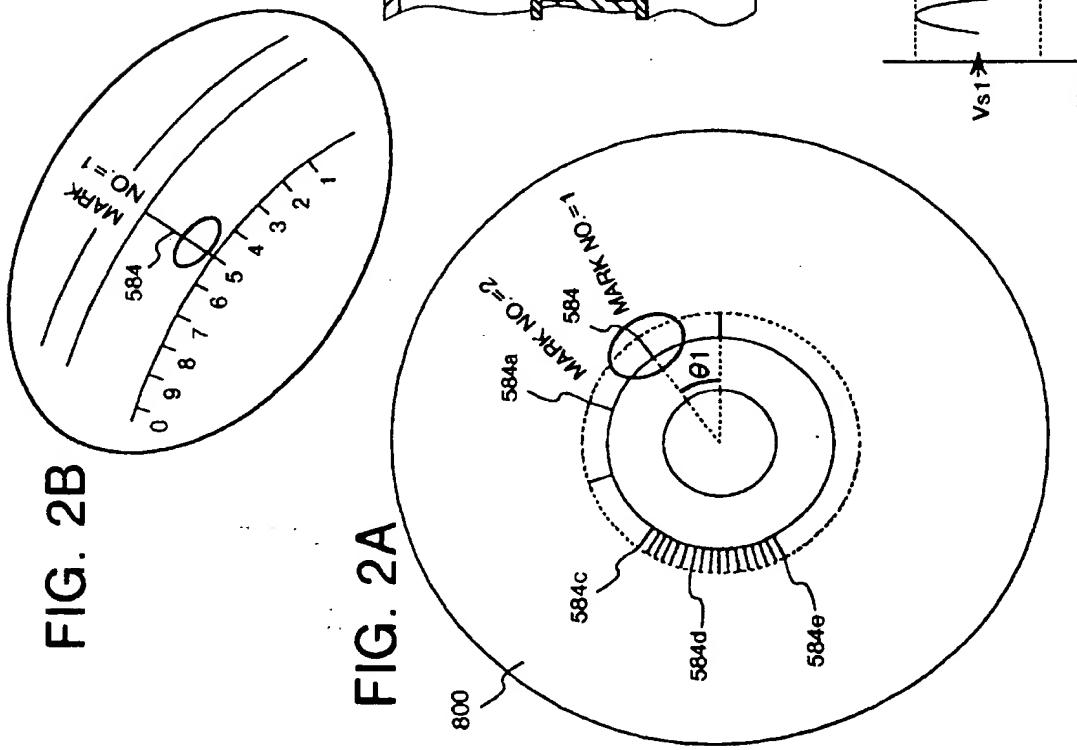
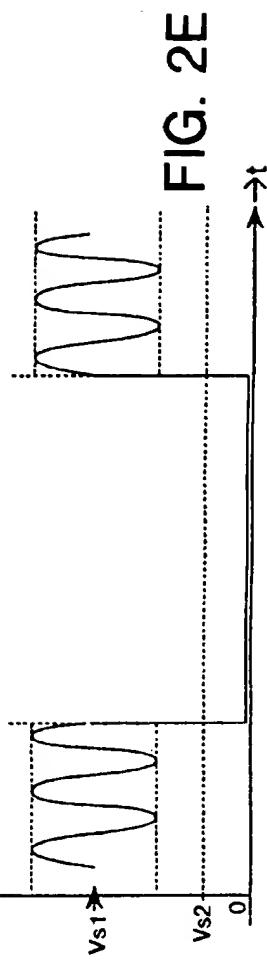


FIG. 2D



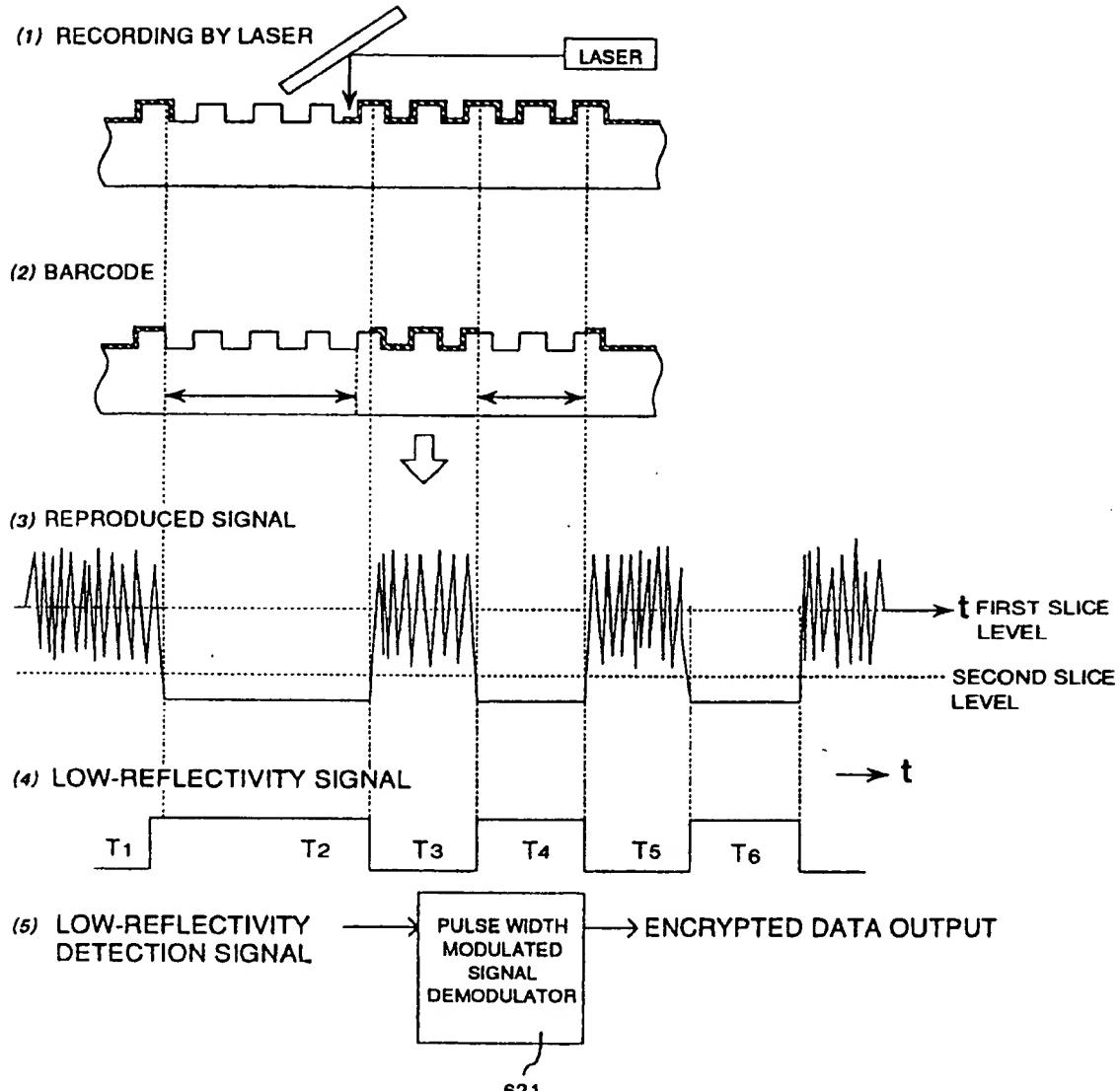
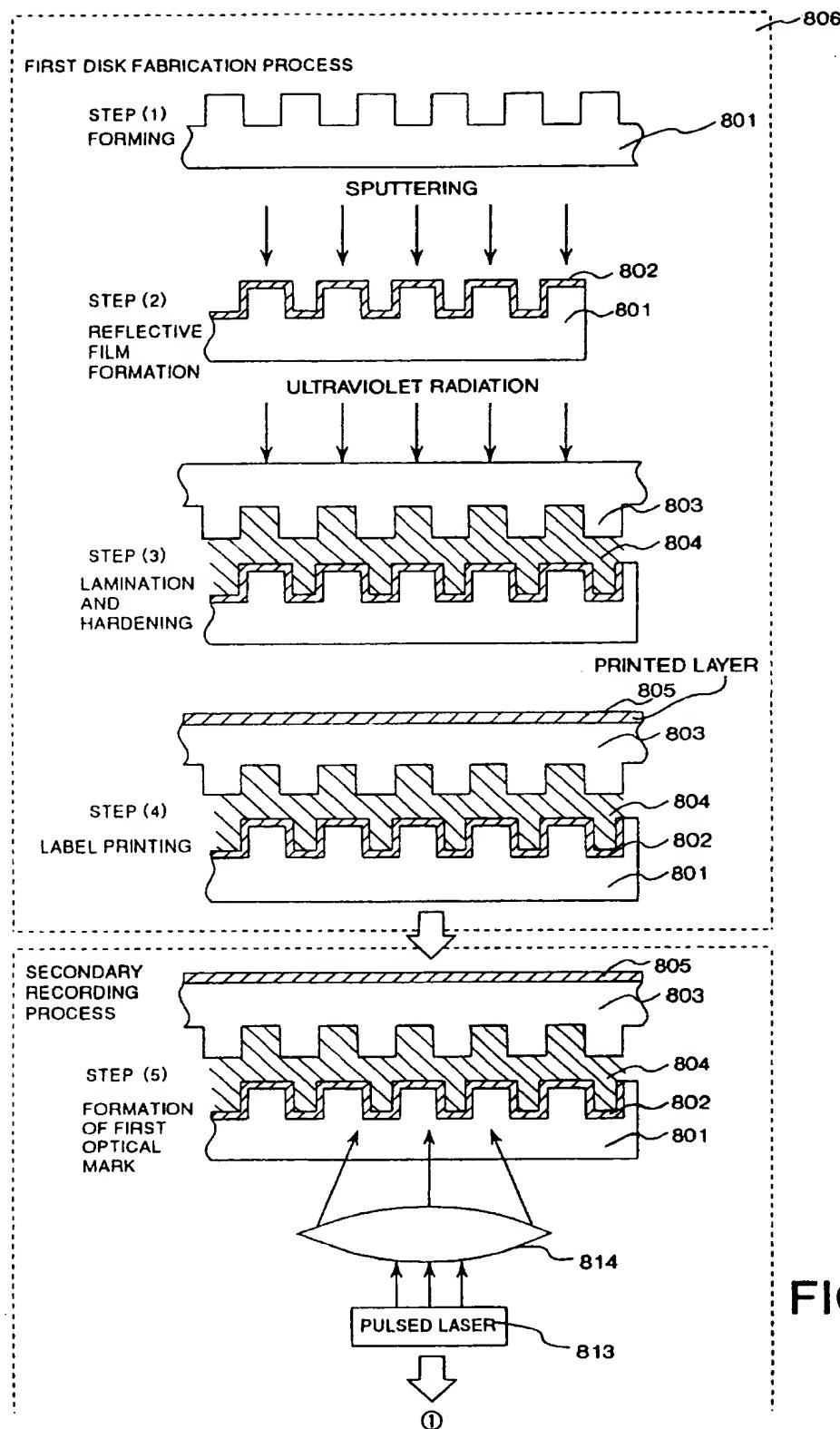
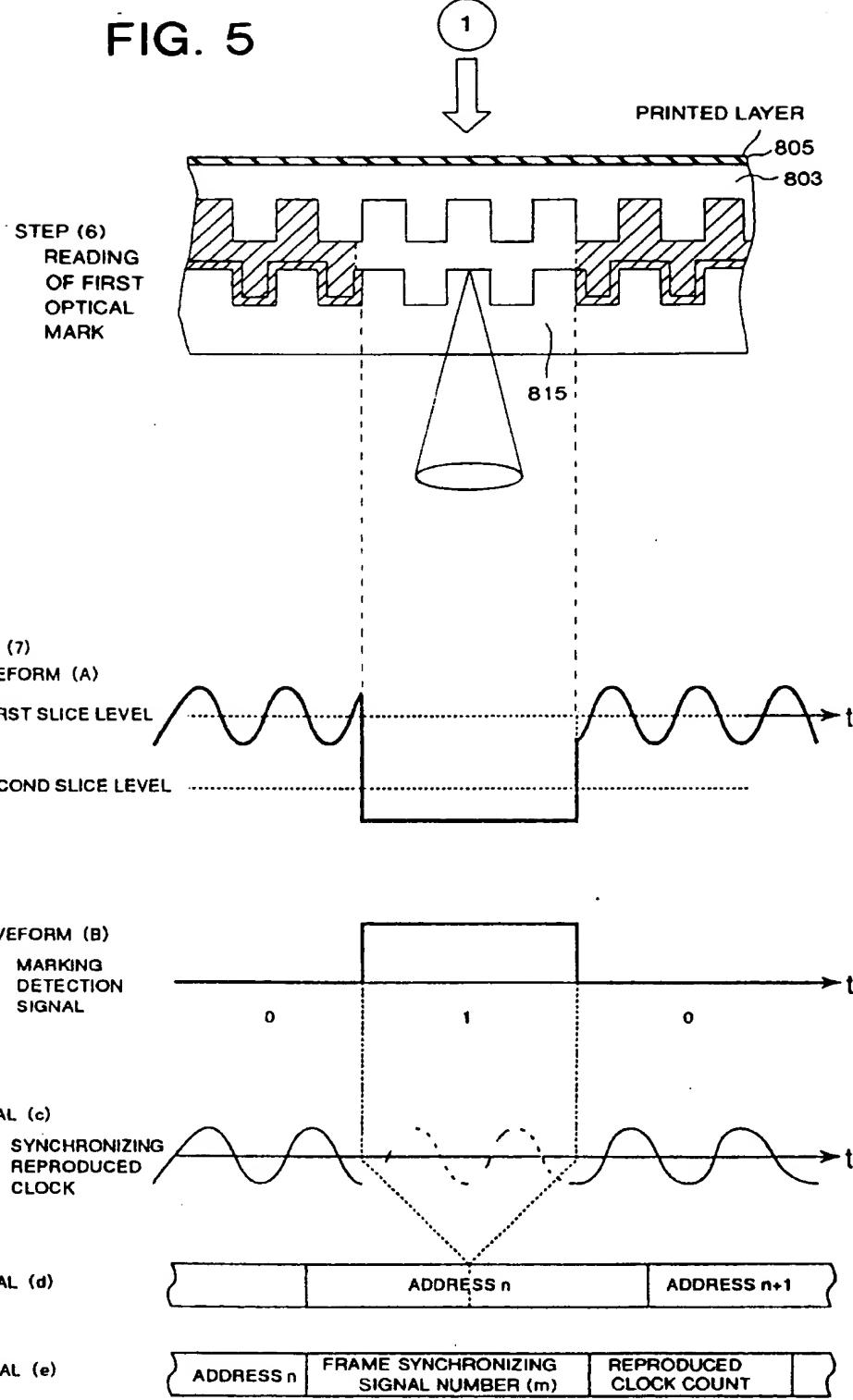


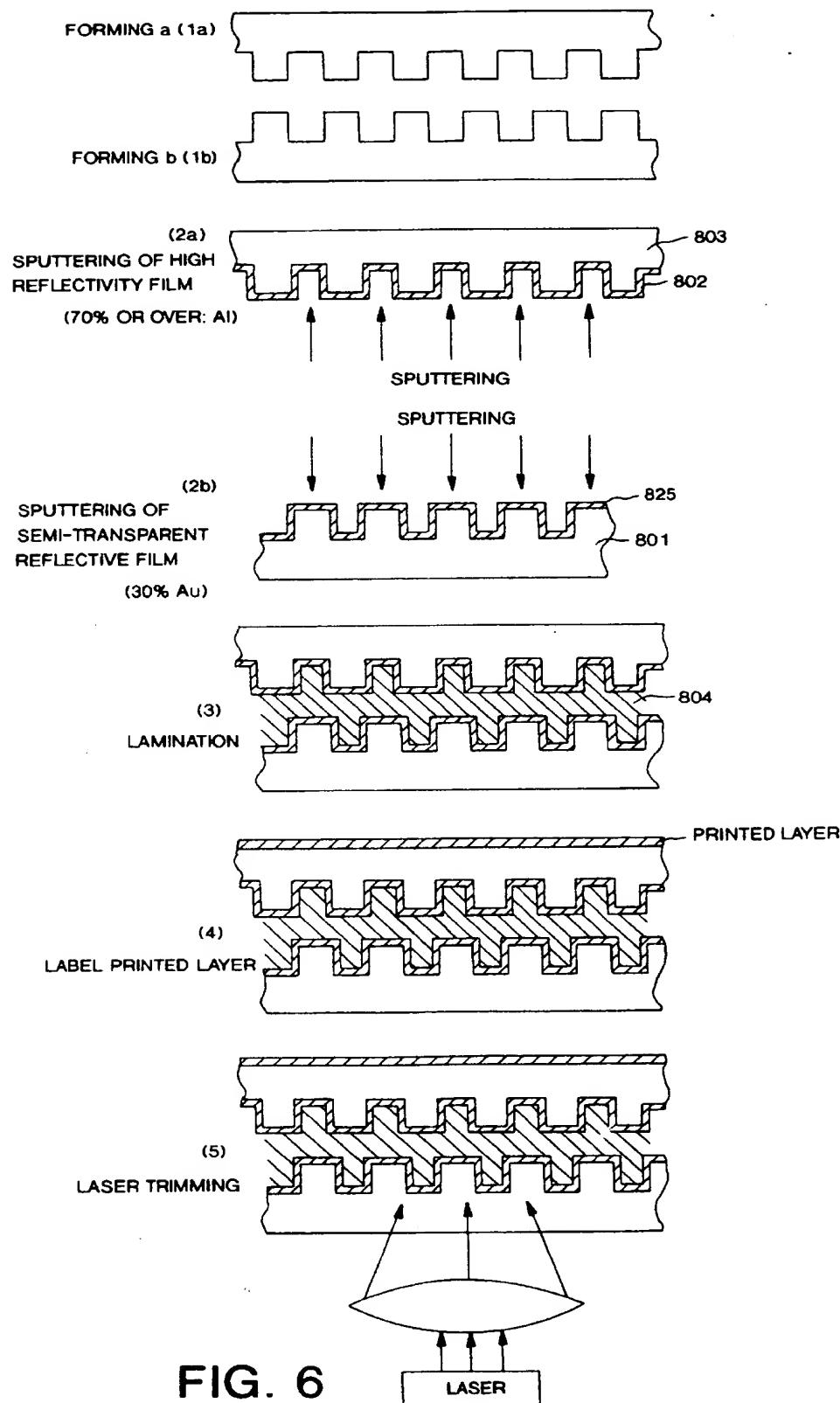
FIG. 3



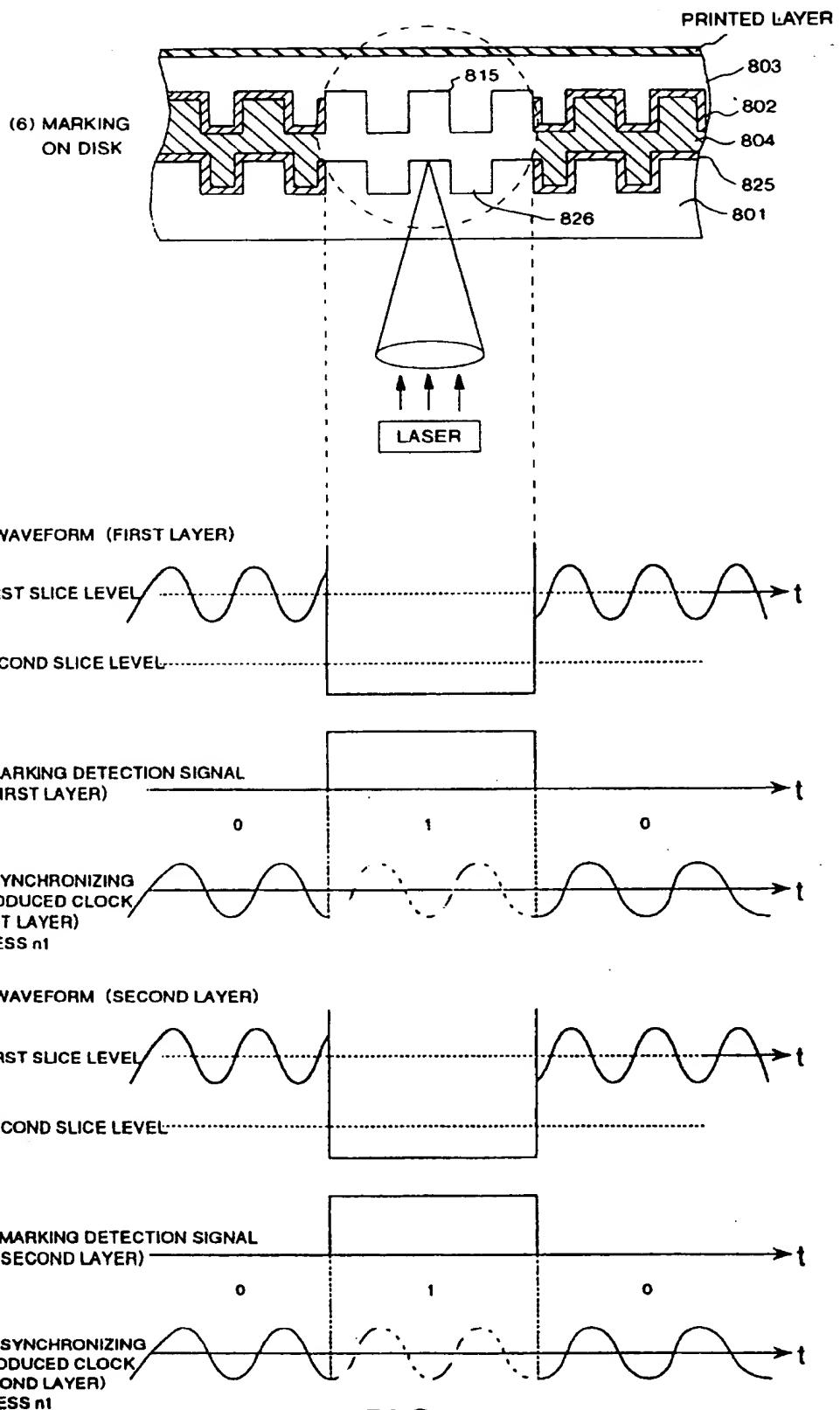
**FIG. 4**

**FIG. 5**

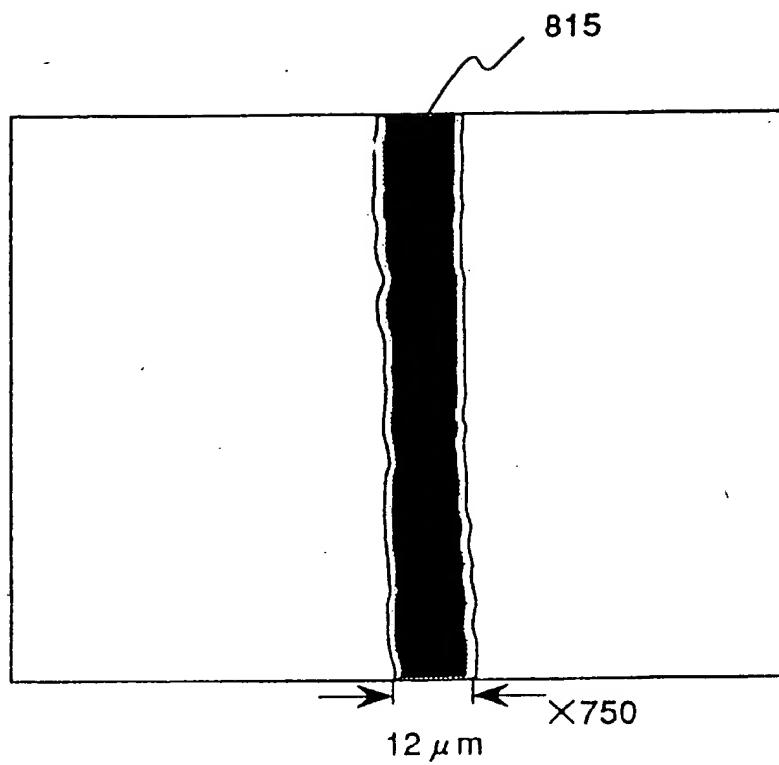




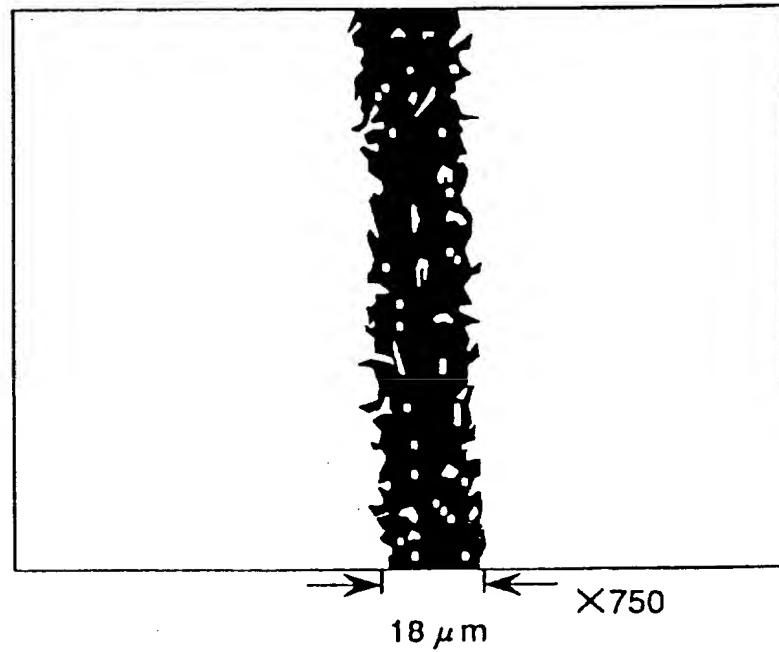
**FIG. 6**



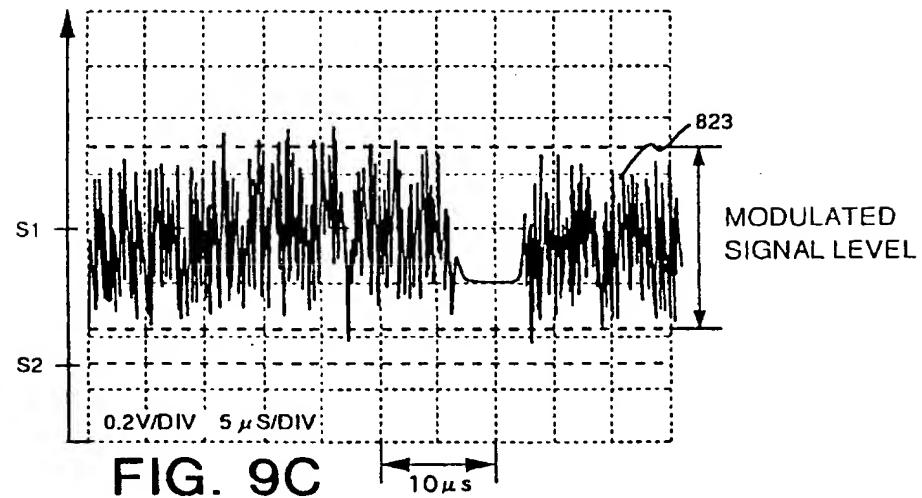
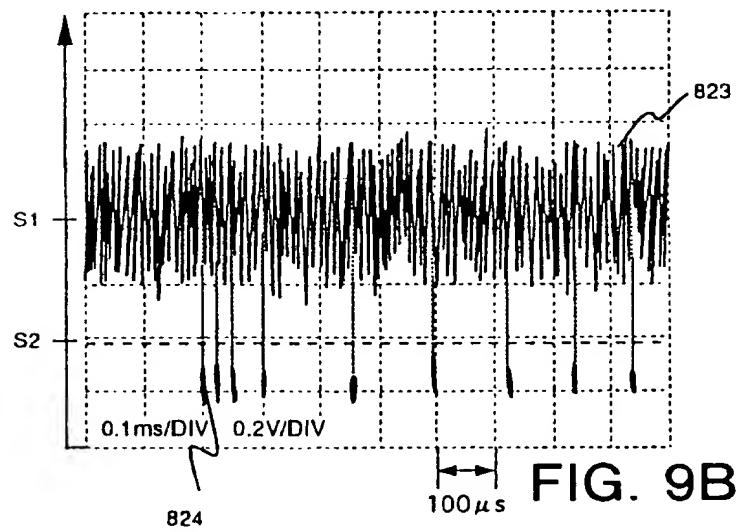
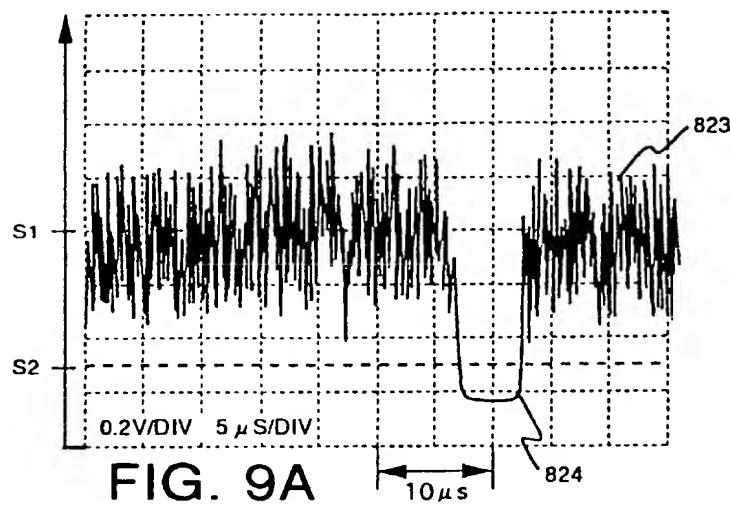
**FIG. 7**

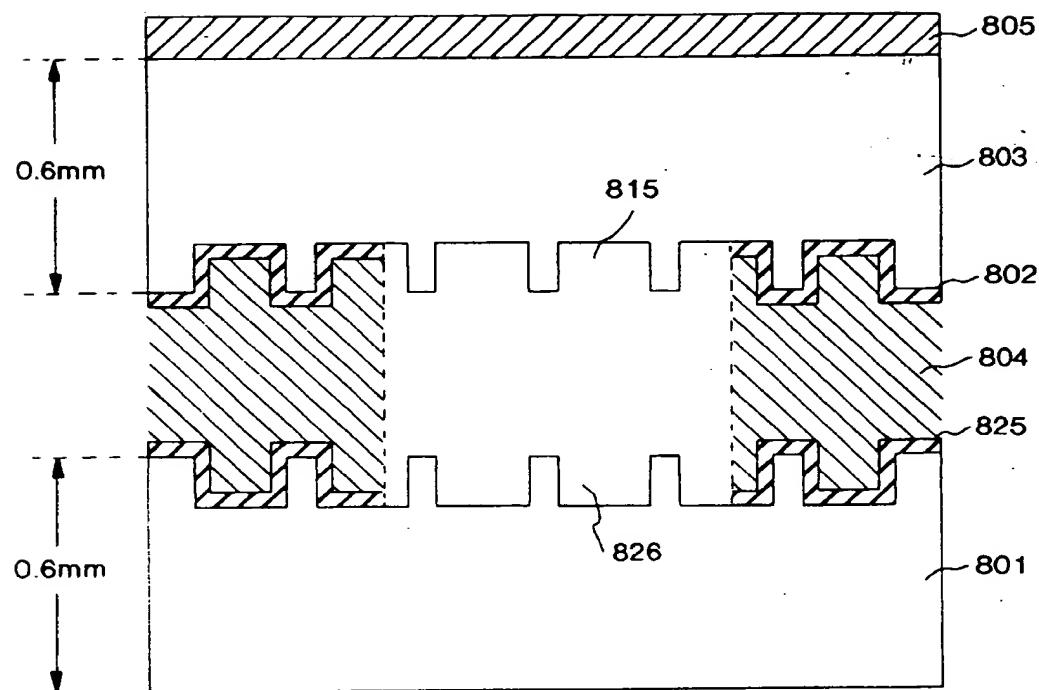


**FIG. 8A**

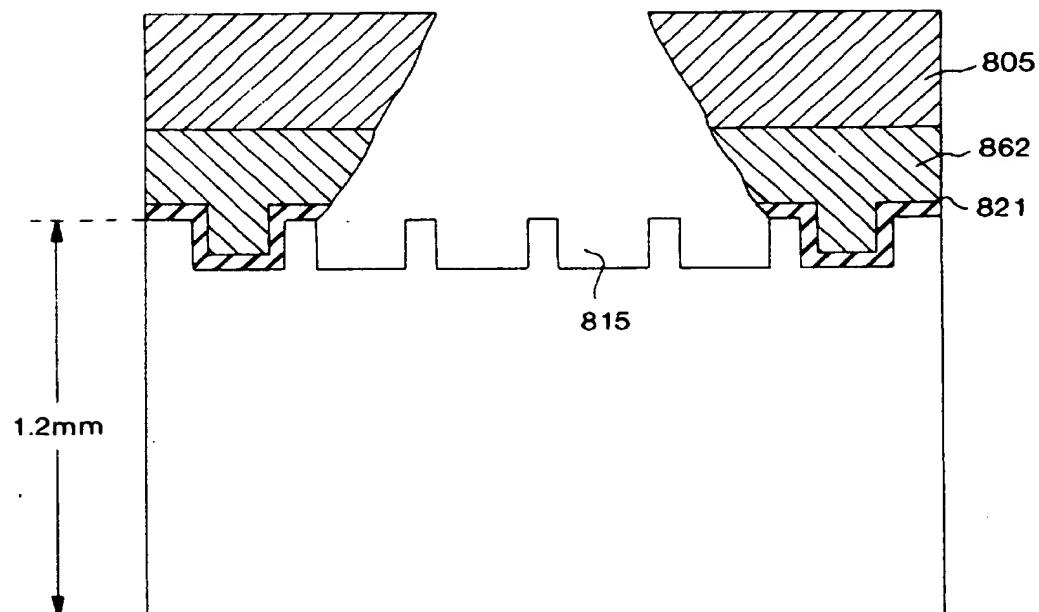


**FIG. 8B**





**FIG. 10A**



**FIG. 10B**

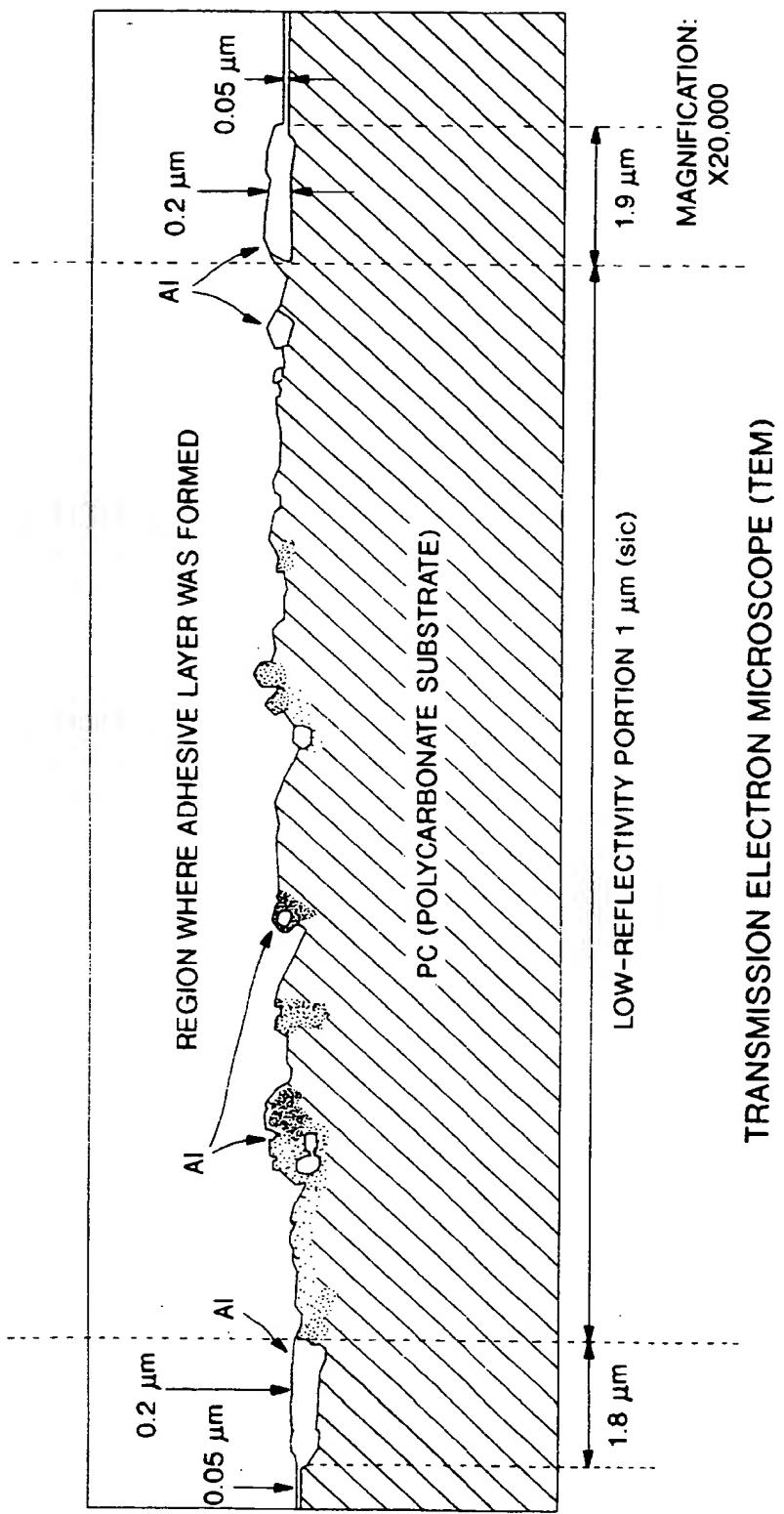
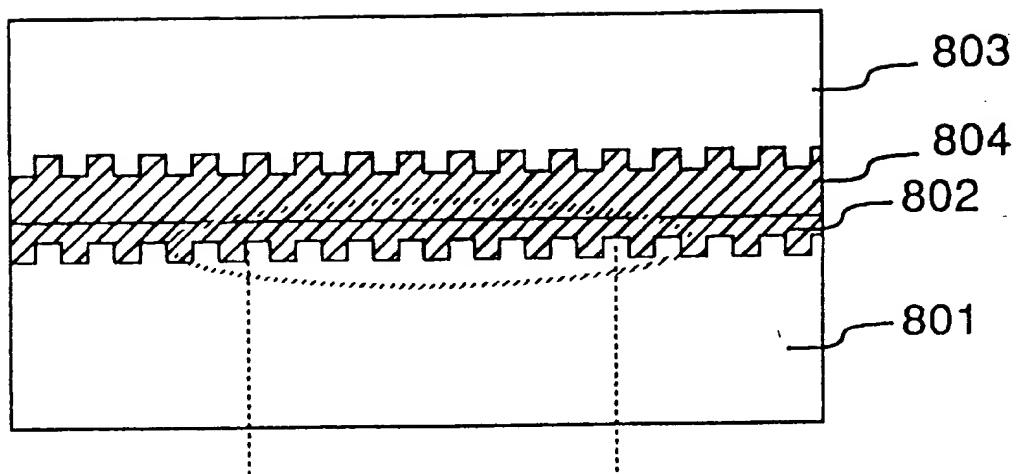
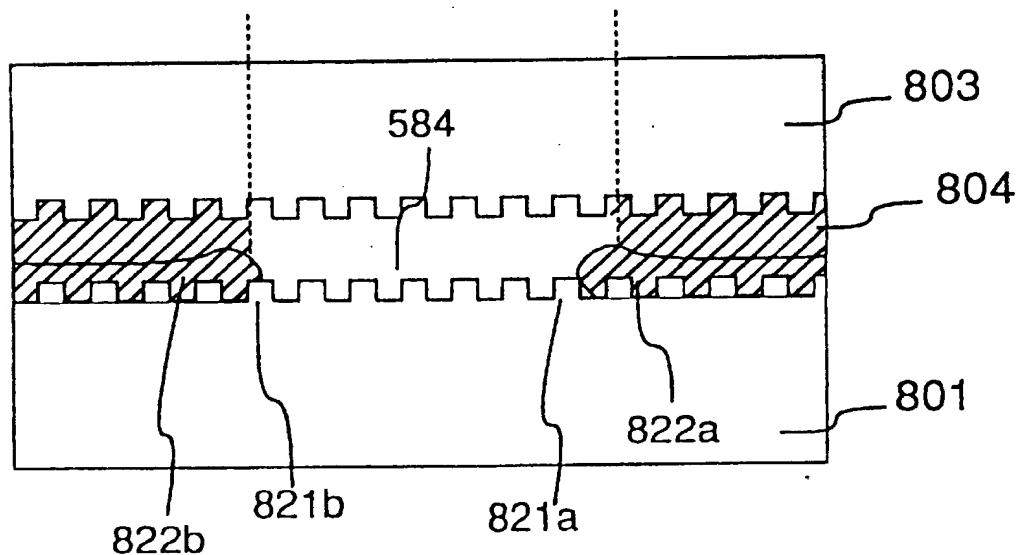


FIG. 11

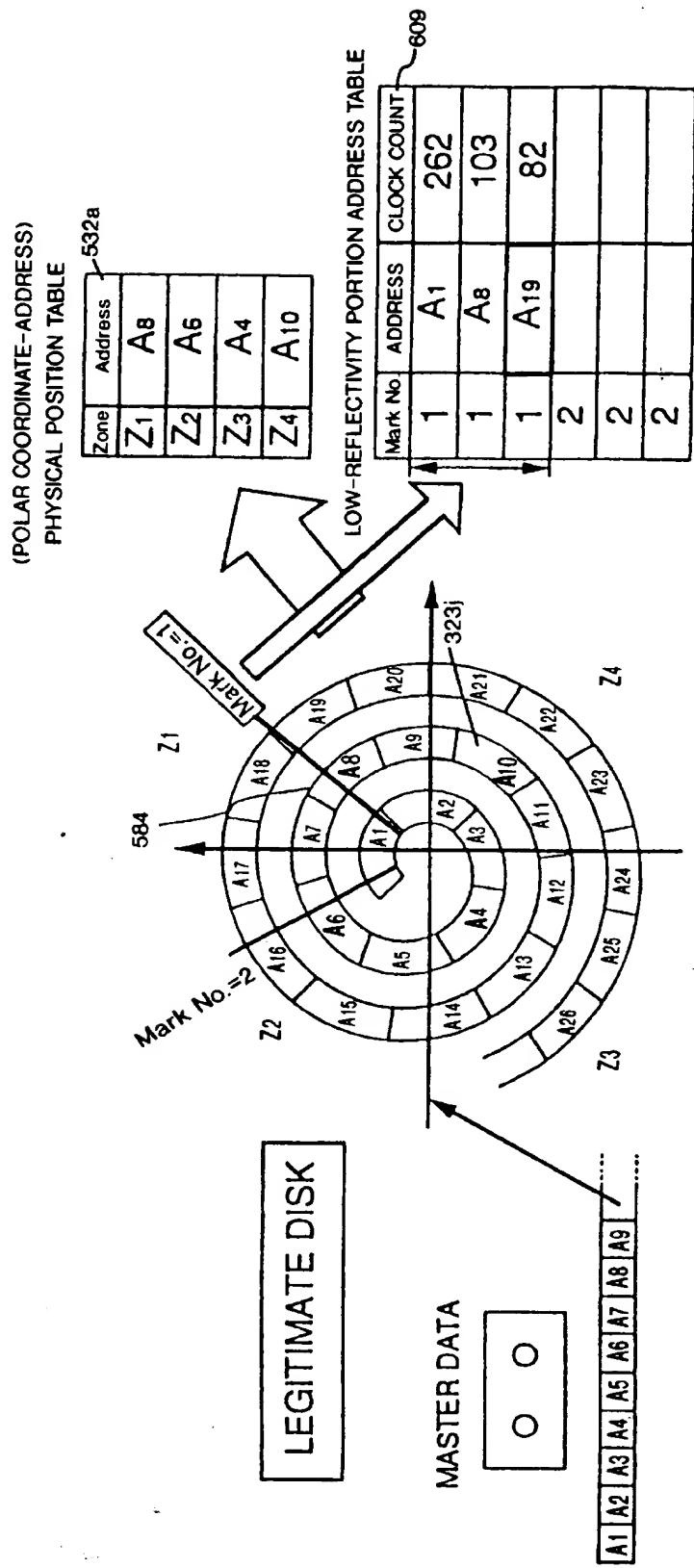


**FIG. 12A**



**FIG. 12B**

**FIG. 13A**



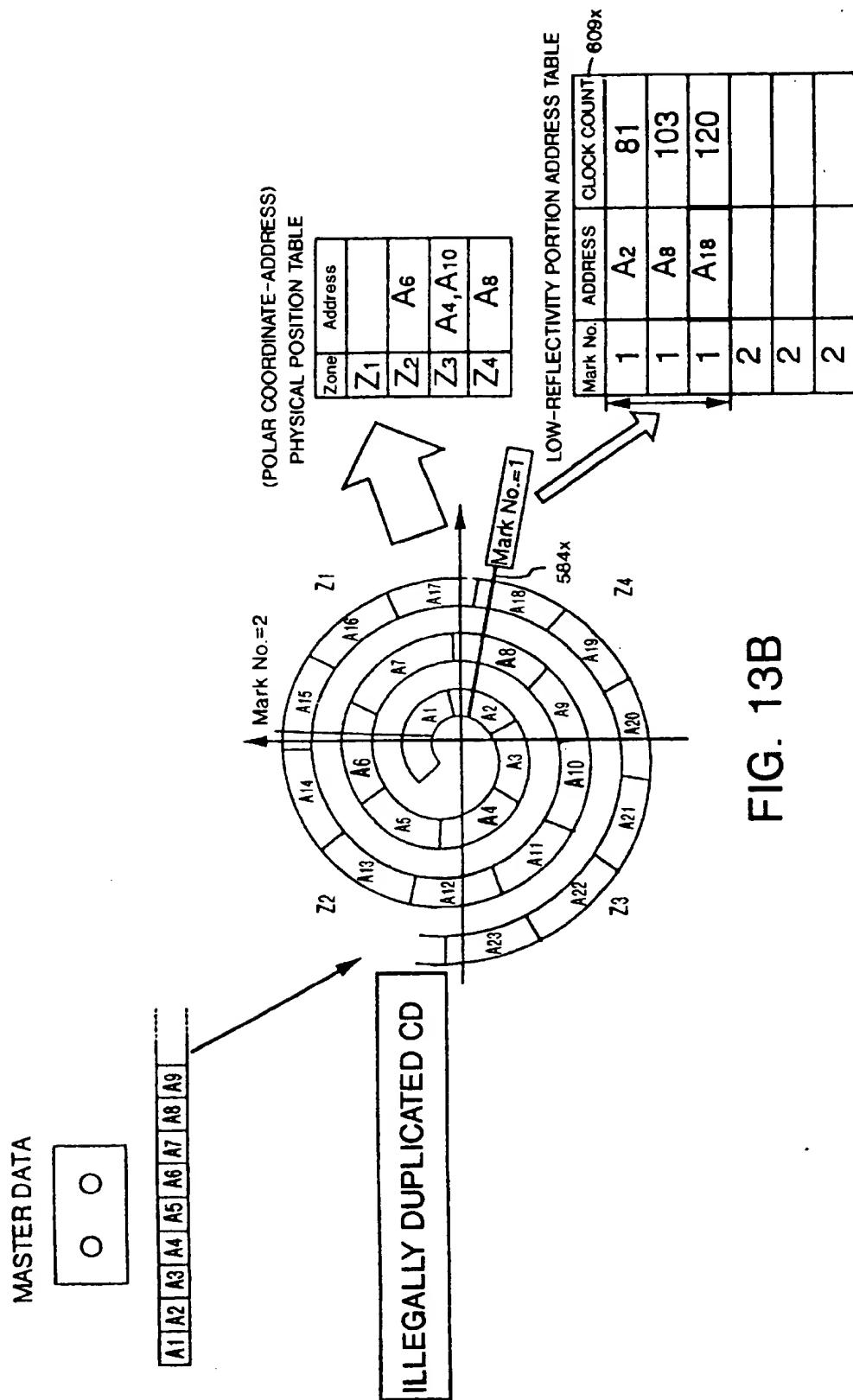


FIG. 13B

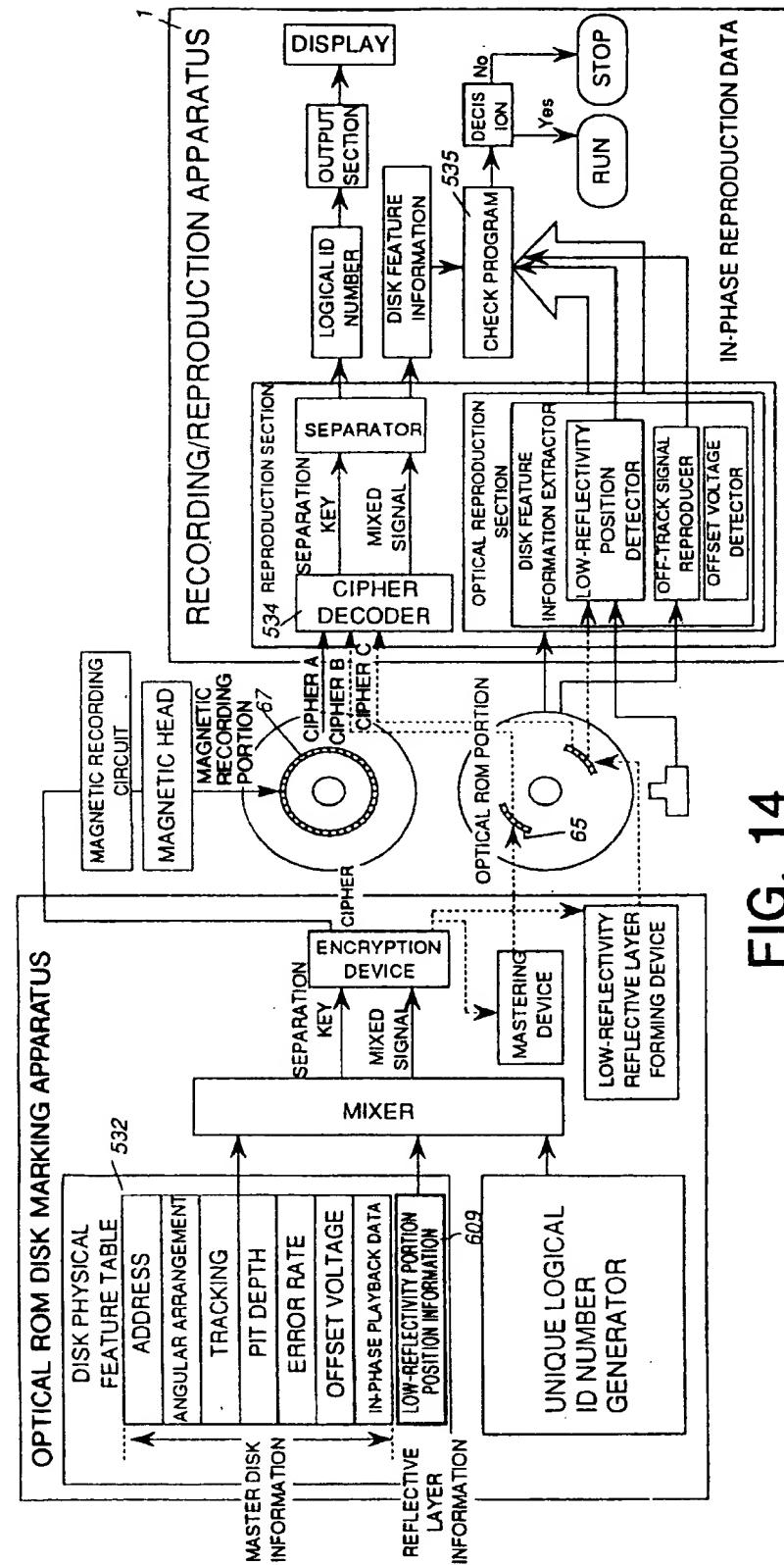
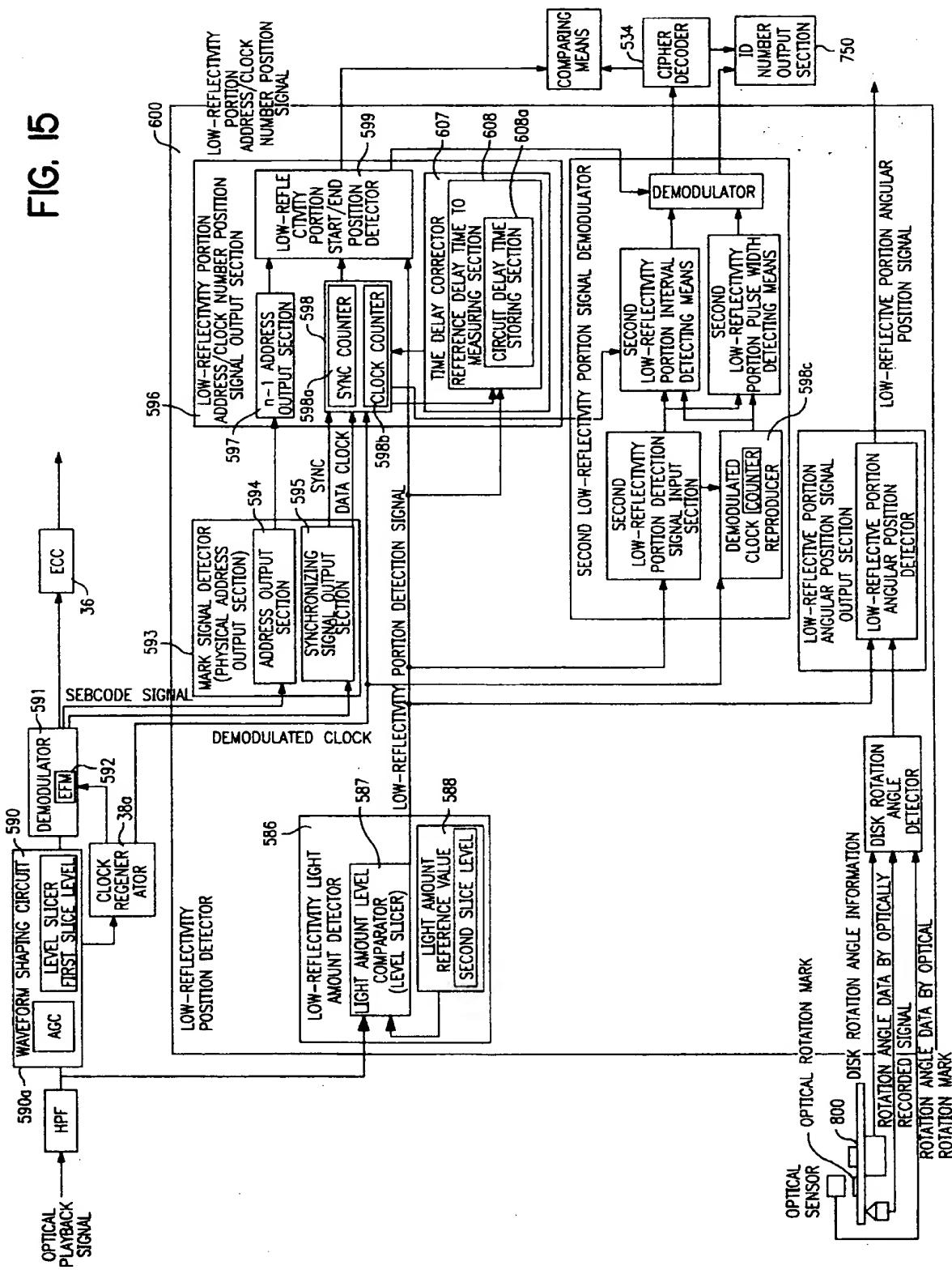


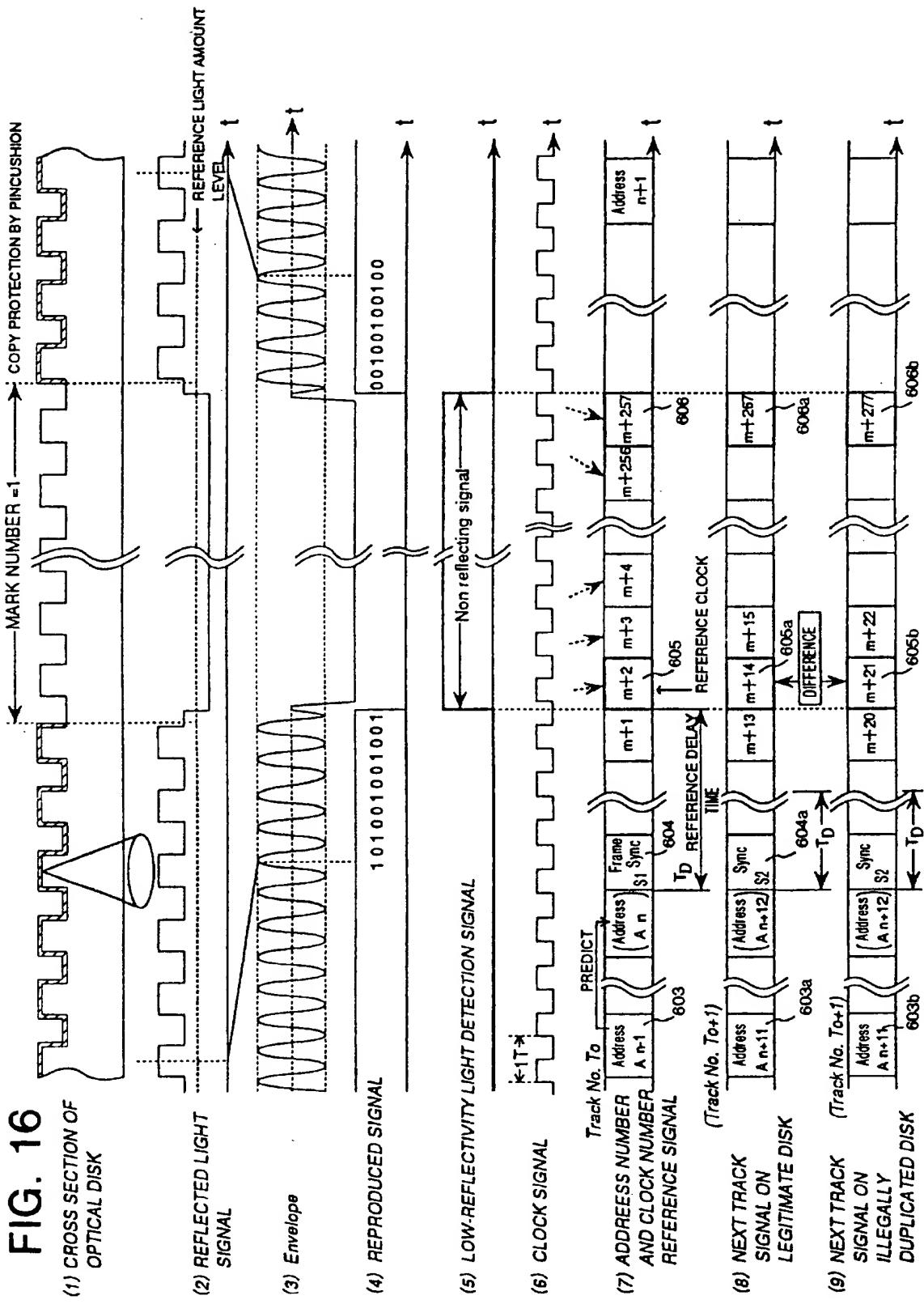
FIG. 14

**FIG. 15**



**FIG. 16**

(1) CROSS SECTION OF OPTICAL DISK



**LEGITIMATE DISK**

LOW-REFLECTIVITY PORTION ADDRESS TABLE

MARK NO.	START POSITION	END POSITION
ADDRESS	Sync No	CLOCK NUMBER
	ADDRESS	Sync No
1 A n	s <sub>1</sub> m+2	n m+257
1 A n+12	s <sub>2</sub> m+14	n+12 m+267
1 A n+23	m+25	n+23 m+300
:	:	:
2 A n+1	m+15	n+1 m+160
2 A n+13	m+85	n+13 m+250
2 A n+24	m+68	n+24 m+210
10 A n+9		
10		

609

LOW-REFLECTIVITY PORTION ADDRESS TABLE

MARK NO.	START POSITION	END POSITION
ADDRESS	Sync No	CLOCK NUMBER
	ADDRESS	Sync No
1 A n	s <sub>1</sub> m+2	n m+257
1 A n+12	s <sub>2</sub> m+14	n+12 m+267
1 A n+23	m+25	n+23 m+300
:	:	:
2 A n+1	m+15	n+1 m+160
2 A n+13	m+85	n+13 m+250
2 A n+24	m+68	n+24 m+210
10 A n+9		
10		

609x

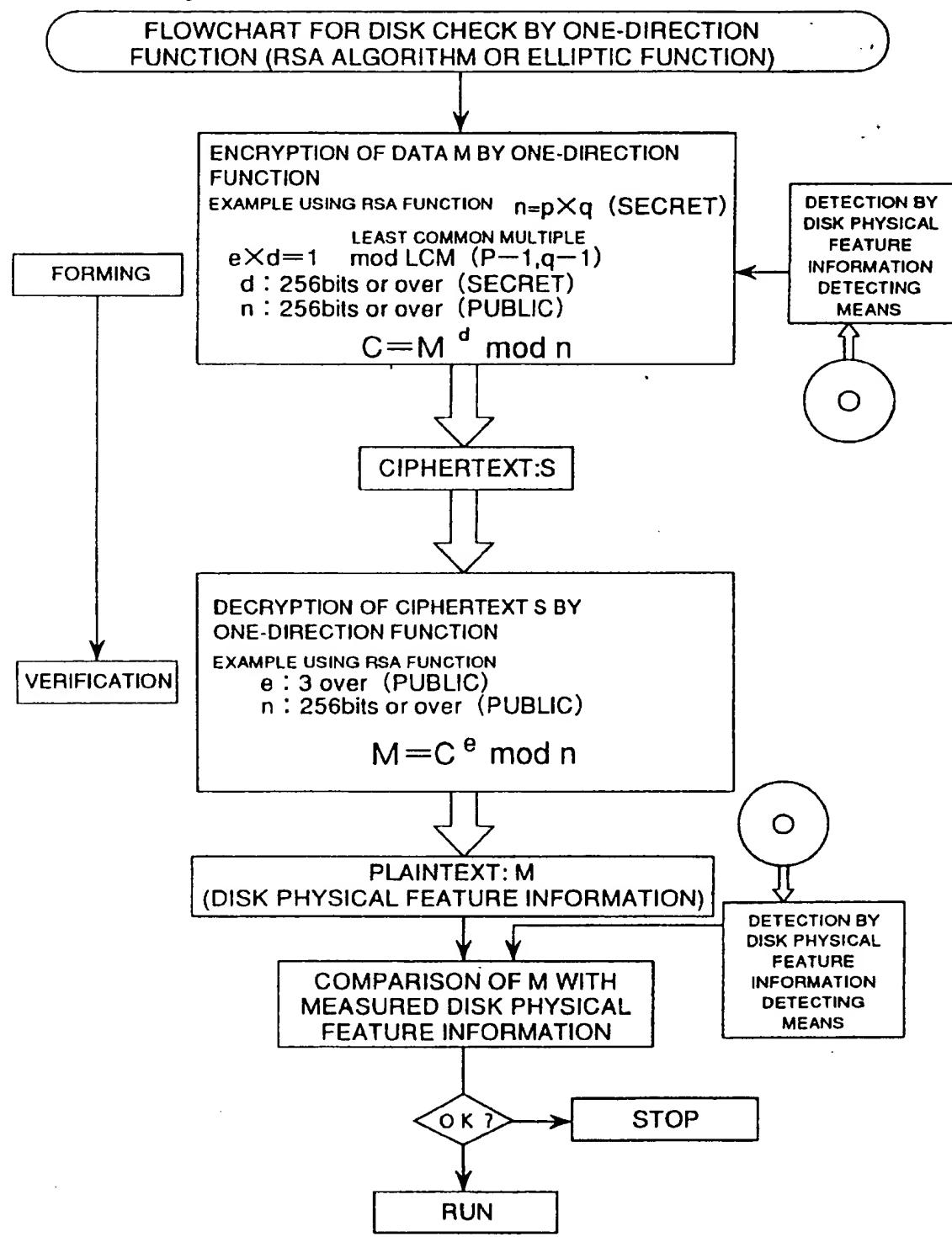
**ILLEGALLY DUPLICATED DISK**

LOW-REFLECTIVITY PORTION ADDRESS TABLE

MARK NO.	START POSITION	END POSITION
ADDRESS	Sync No	CLOCK NUMBER
	ADDRESS	Sync No
1 A n	s <sub>1</sub> m+2	n m+257
1 A n+12	s <sub>2</sub> m+14	n+12 m+267
1 A n+23	m+25	n+23 m+300
:	:	:
2 A n+1	m+15	n+1 m+160
2 A n+13	m+85	n+13 m+250
2 A n+24	m+68	n+24 m+210
10 A n+9		
10		

PLANNING

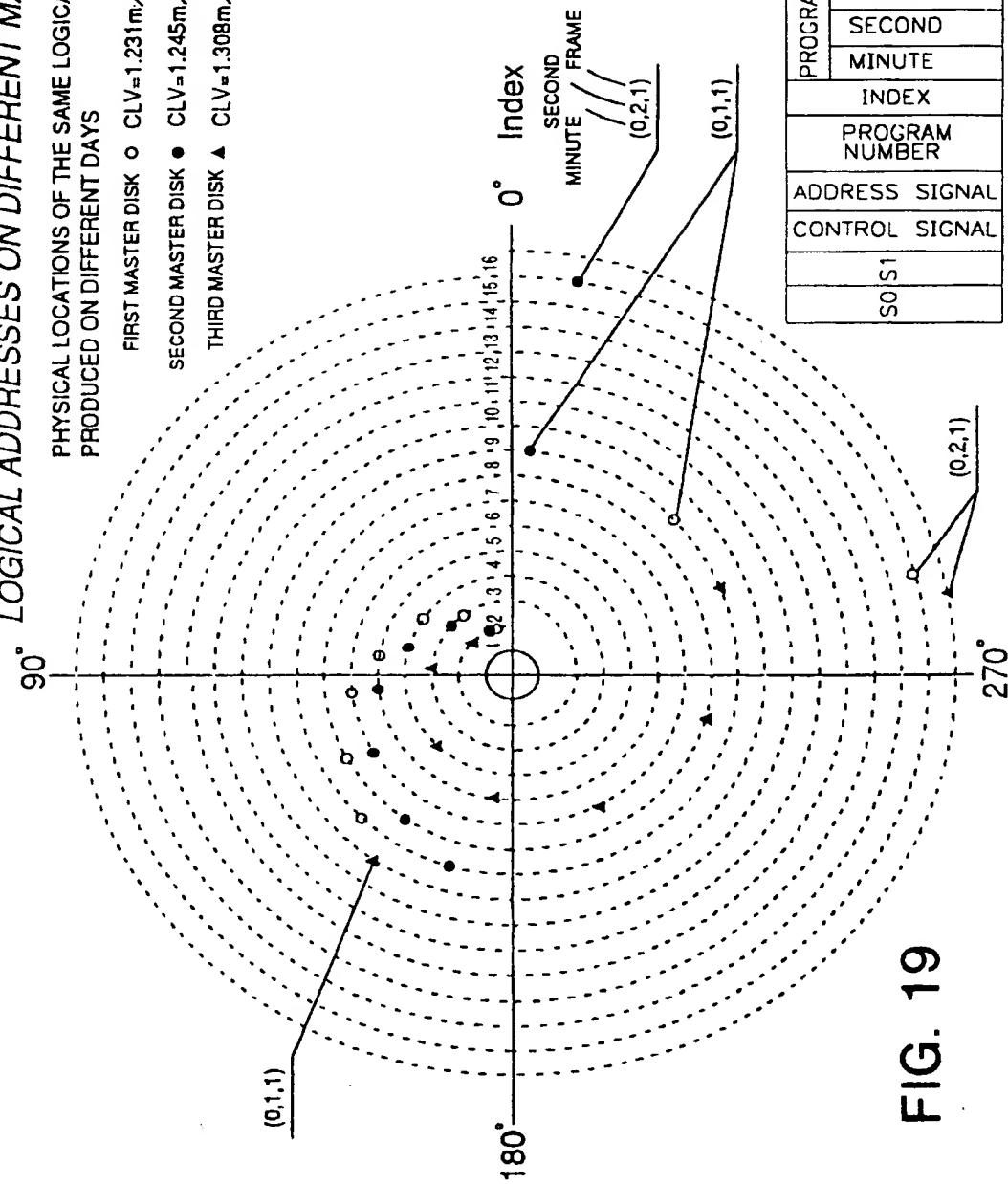
**FIG. 17**



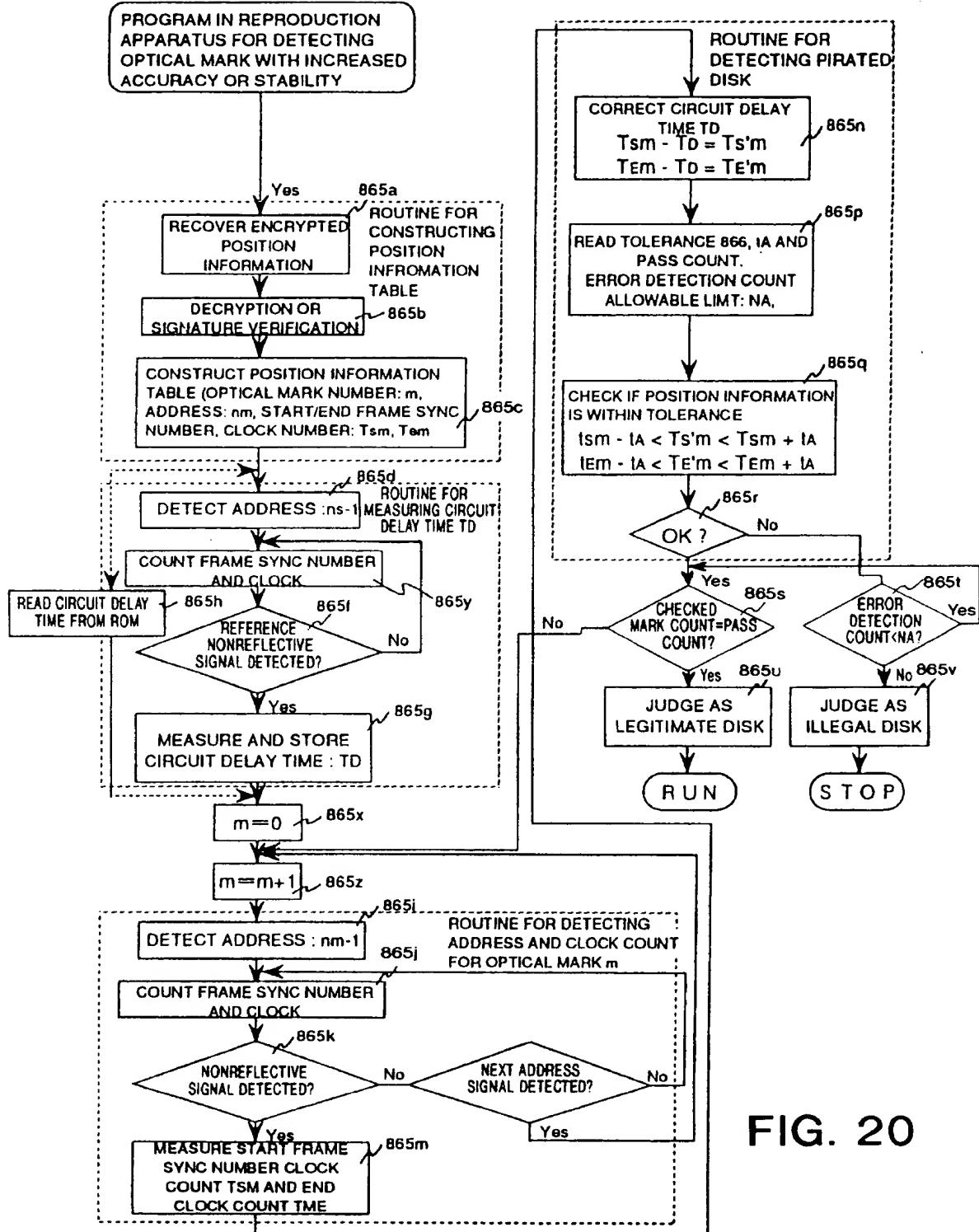
**FIG. 18**

**DIAGRAM SHOWING DIFFERENT PHYSICAL LOCATIONS OF  
LOGICAL ADDRESSES ON DIFFERENT MASTER DISKS**  
PHYSICAL LOCATIONS OF THE SAME LOGICAL ADDRESSES ON MASTER DISKS  
PRODUCED ON DIFFERENT DAYS

- FIRST MASTER DISK ○ CLV=1.231m/sec(SRC##2 M[1])
- SECOND MASTER DISK ● CLV=1.245m/sec(FZ-SJ1951A 3)
- THIRD MASTER DISK ▲ CLV=1.308m/sec(FZ-SJ1951AT 8)



**FIG. 19**



**FIG. 20**

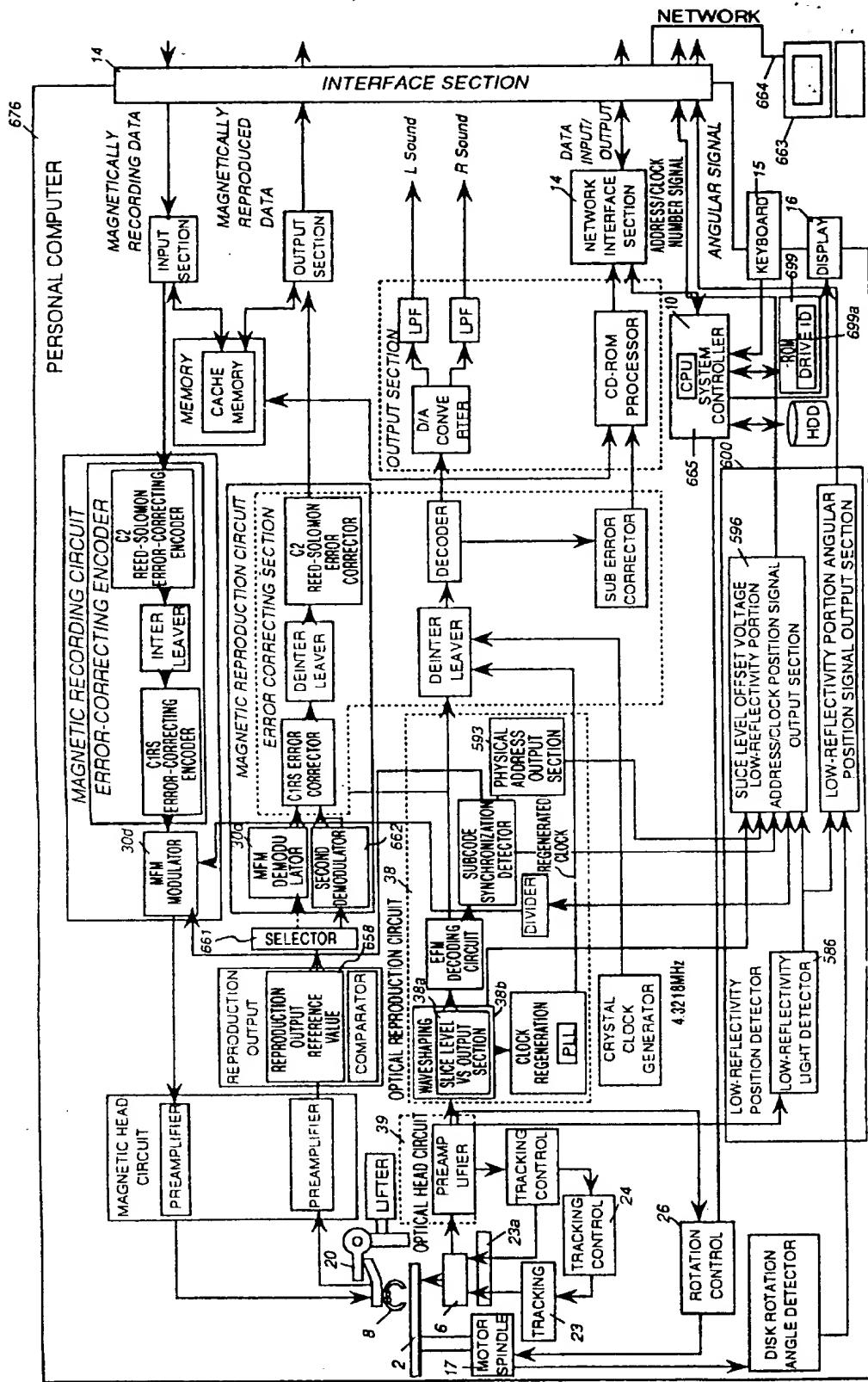


FIG. 21

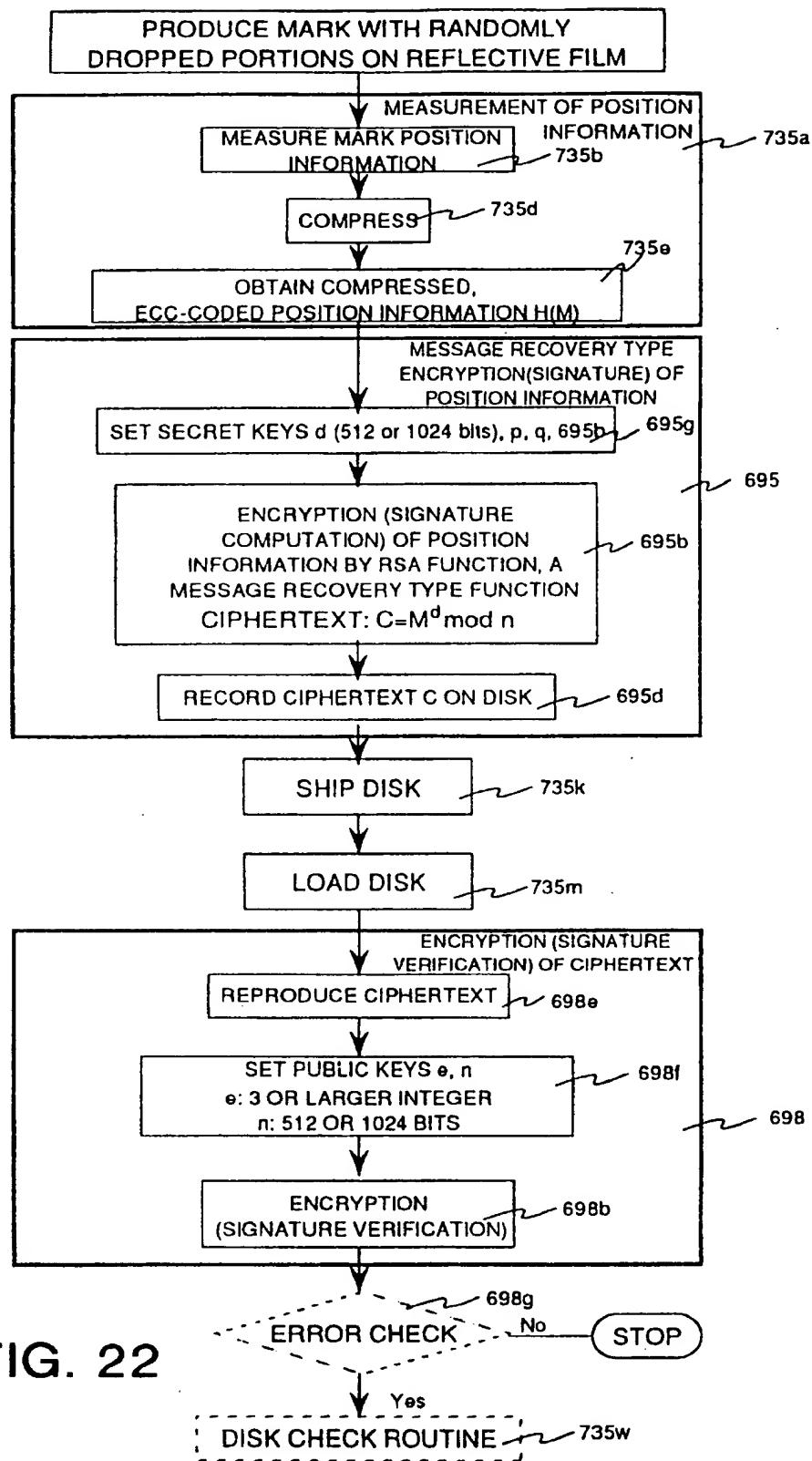


FIG. 22

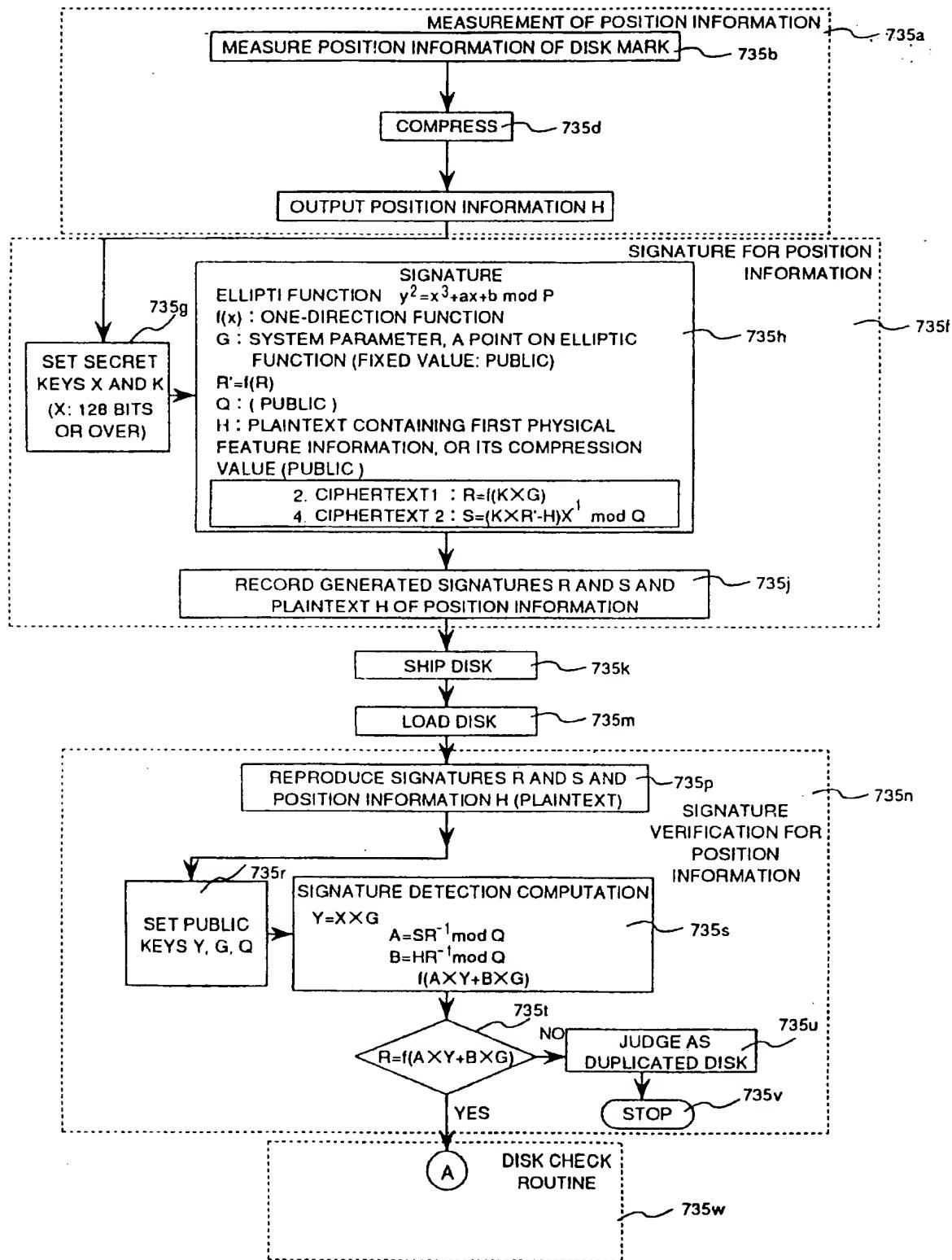
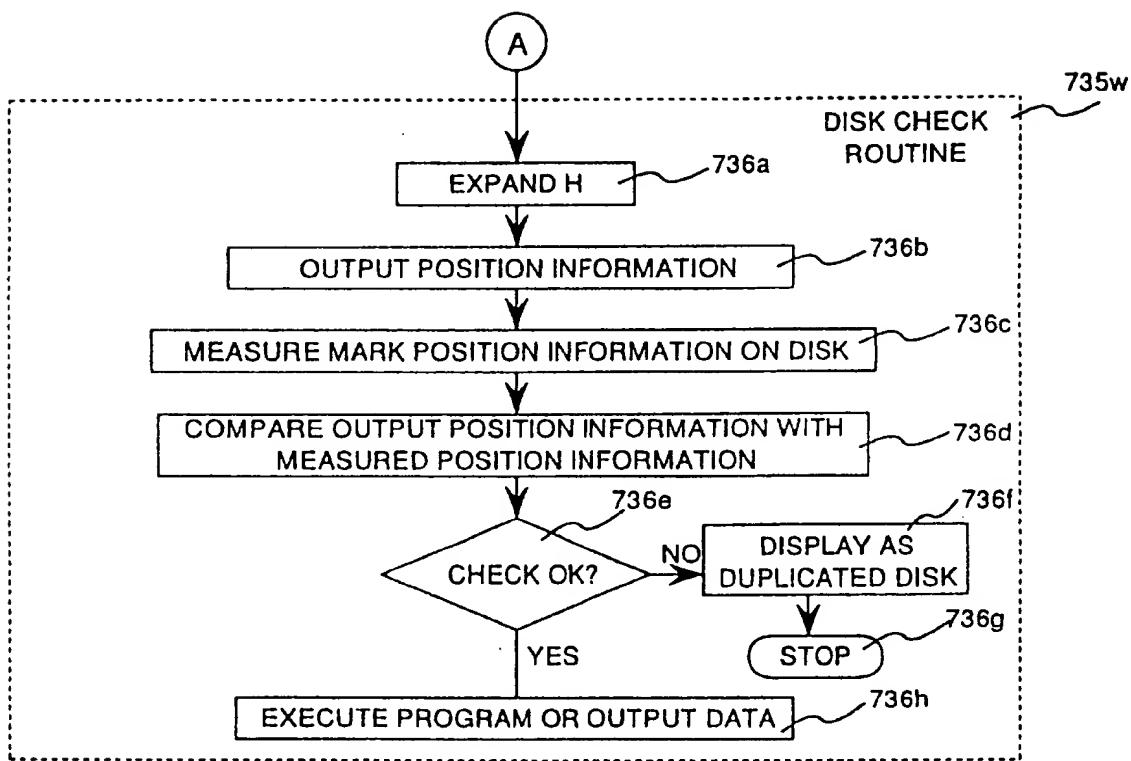


FIG. 23



**FIG. 24**

FIG. 25

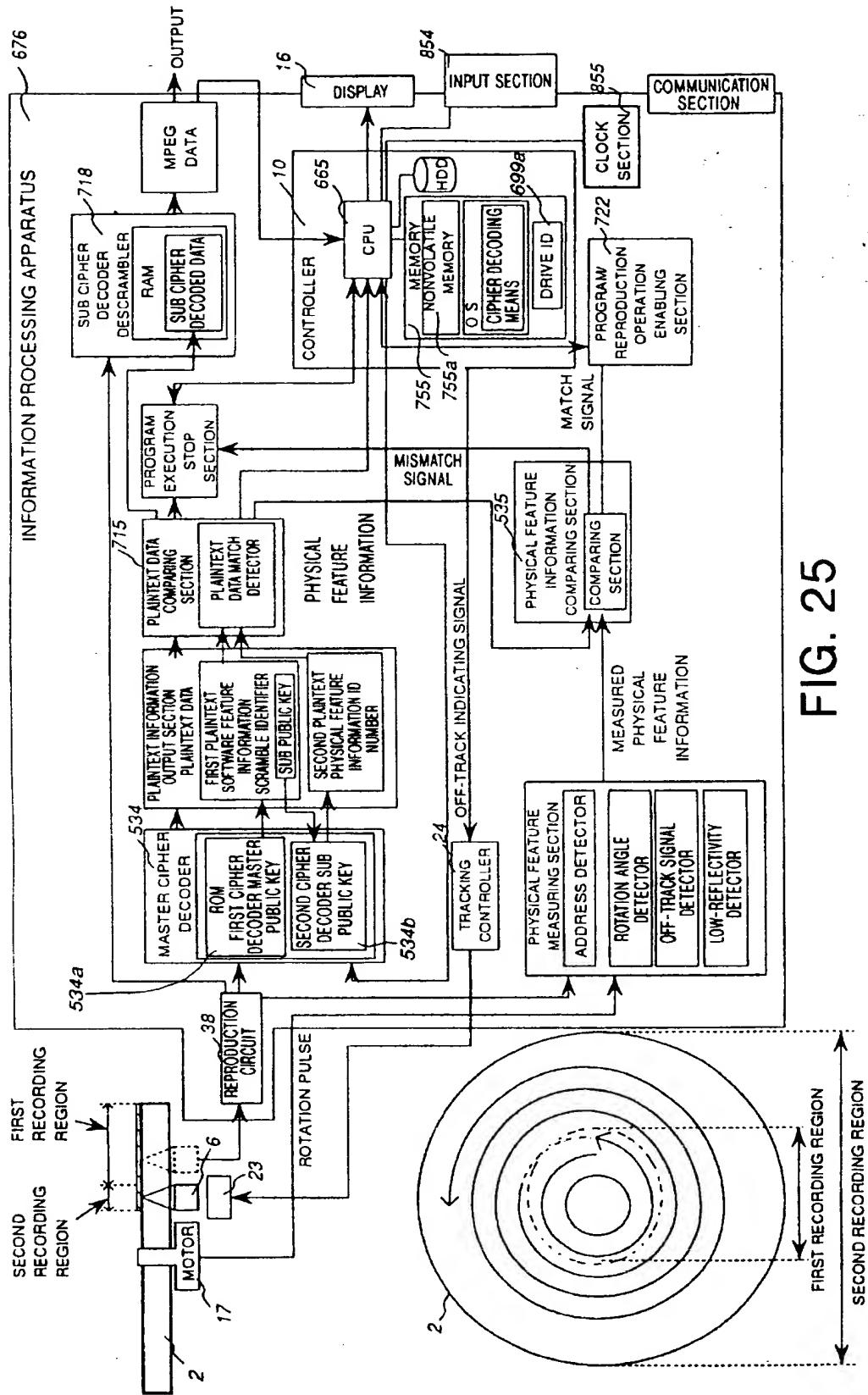
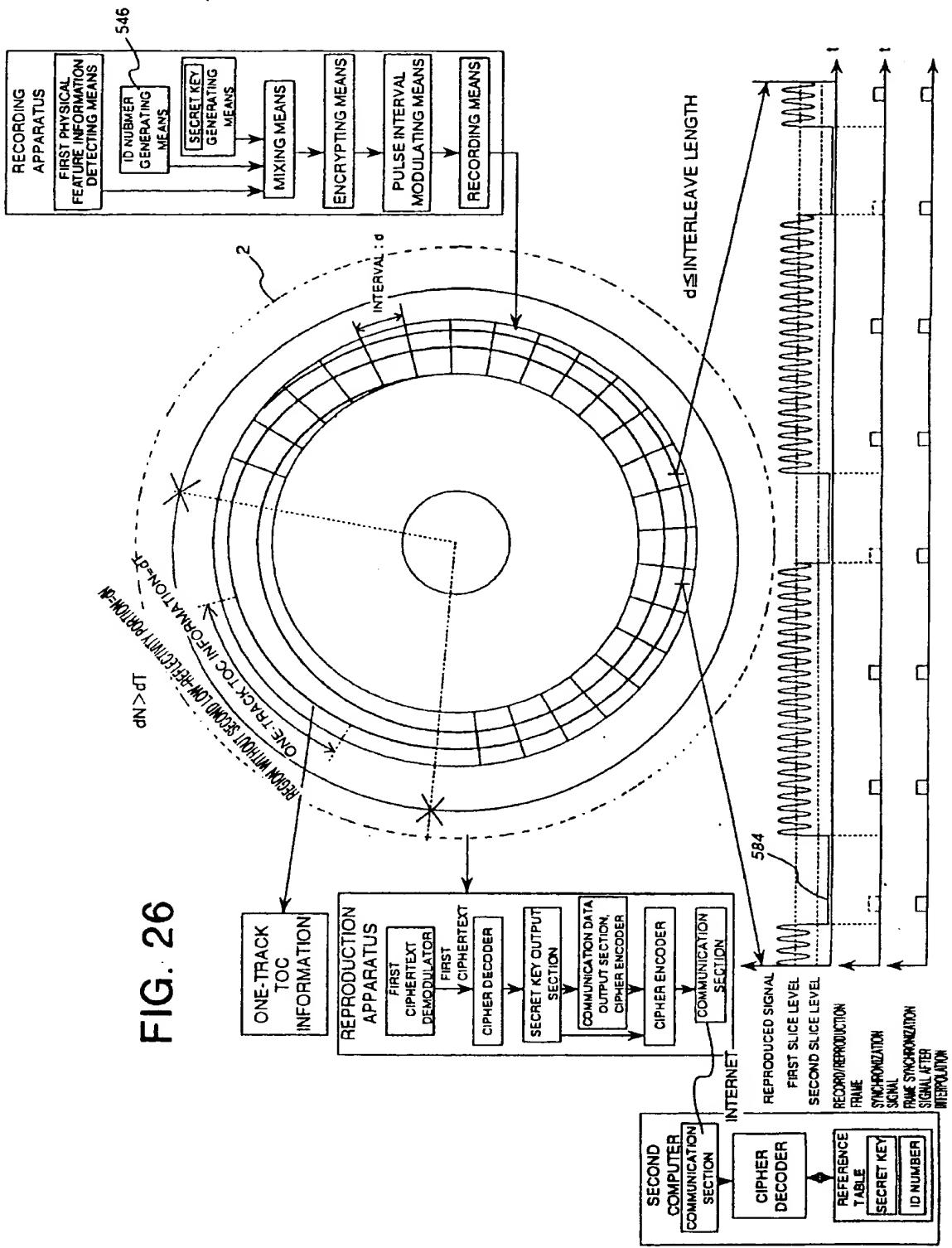
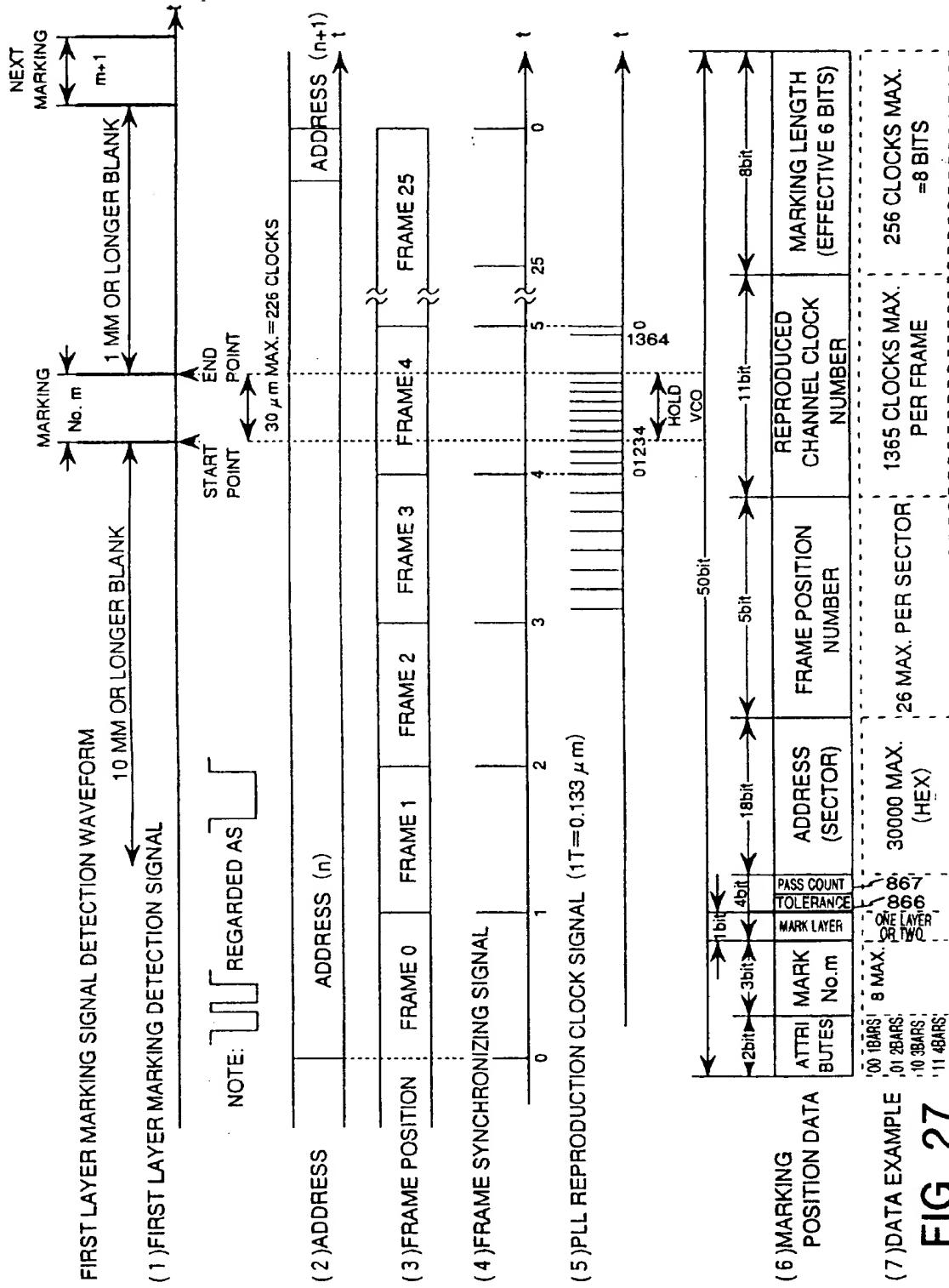


FIG. 26





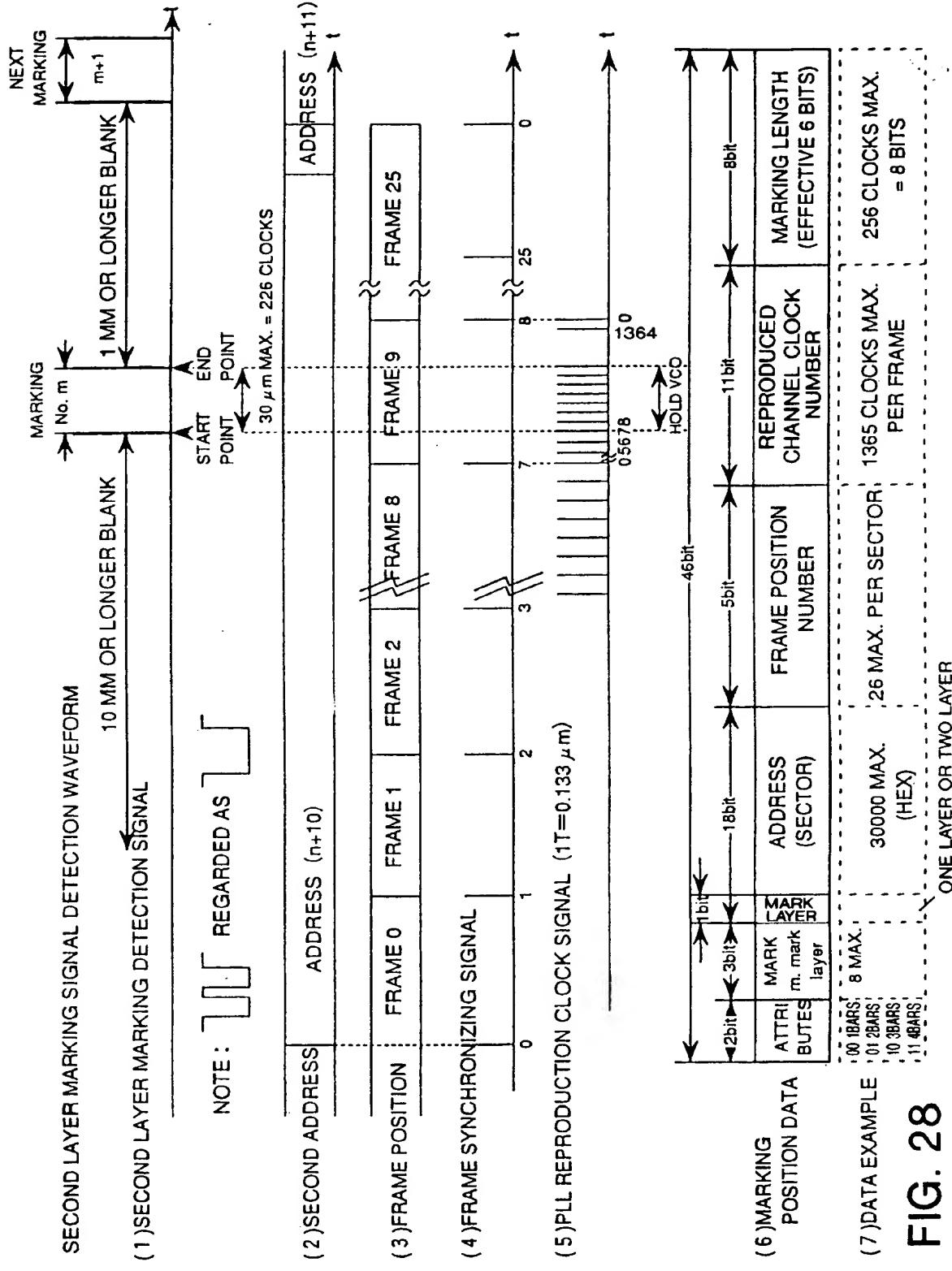
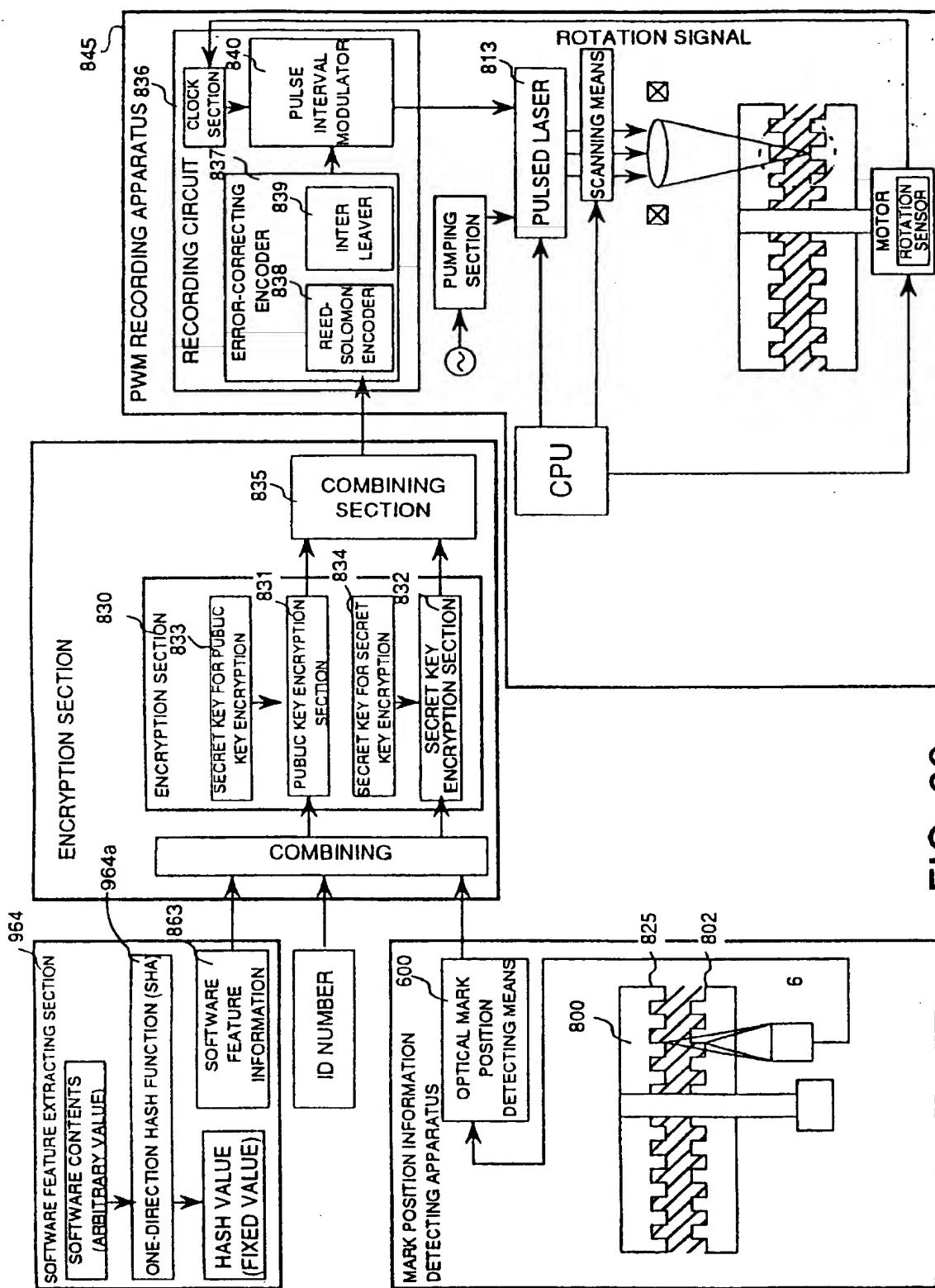


FIG. 28

FIG. 29



CODE CLASSIFIED BY PULSE INTERVAL, 4-VALUE PWM RECORDING

CODE	00	01	10	11
------	----	----	----	----

BARCODE LINE WIDTH VERSUS RECORDING DENSITY

LINE WIDTH W ( $\mu\text{m}$ )	PERIOD T ( $\mu\text{m}$ )	RECORDING DENSITY $\mu\text{m}/\text{bit}$	MAXIMUM RECORDING CAPACITY		LENGTH OF 1 KBITS mm
			ONE RING	842	
1 $\mu\text{m}$	2 $\mu\text{m}$	2.55 $\mu\text{m}$	56Kbit	2.5mm	
3 $\mu\text{m}$	6 $\mu\text{m}$	7.5 $\mu\text{m}$	28.2Kbit	5mm	
5 $\mu\text{m}$	10 $\mu\text{m}$	12.5 $\mu\text{m}$	11.2Kbit	12.5mm	
10 $\mu\text{m}$	20 $\mu\text{m}$	25 $\mu\text{m}$	5.6Kbit	25mm	
20 $\mu\text{m}$	40 $\mu\text{m}$	50 $\mu\text{m}$	2.82Kbit	50mm	

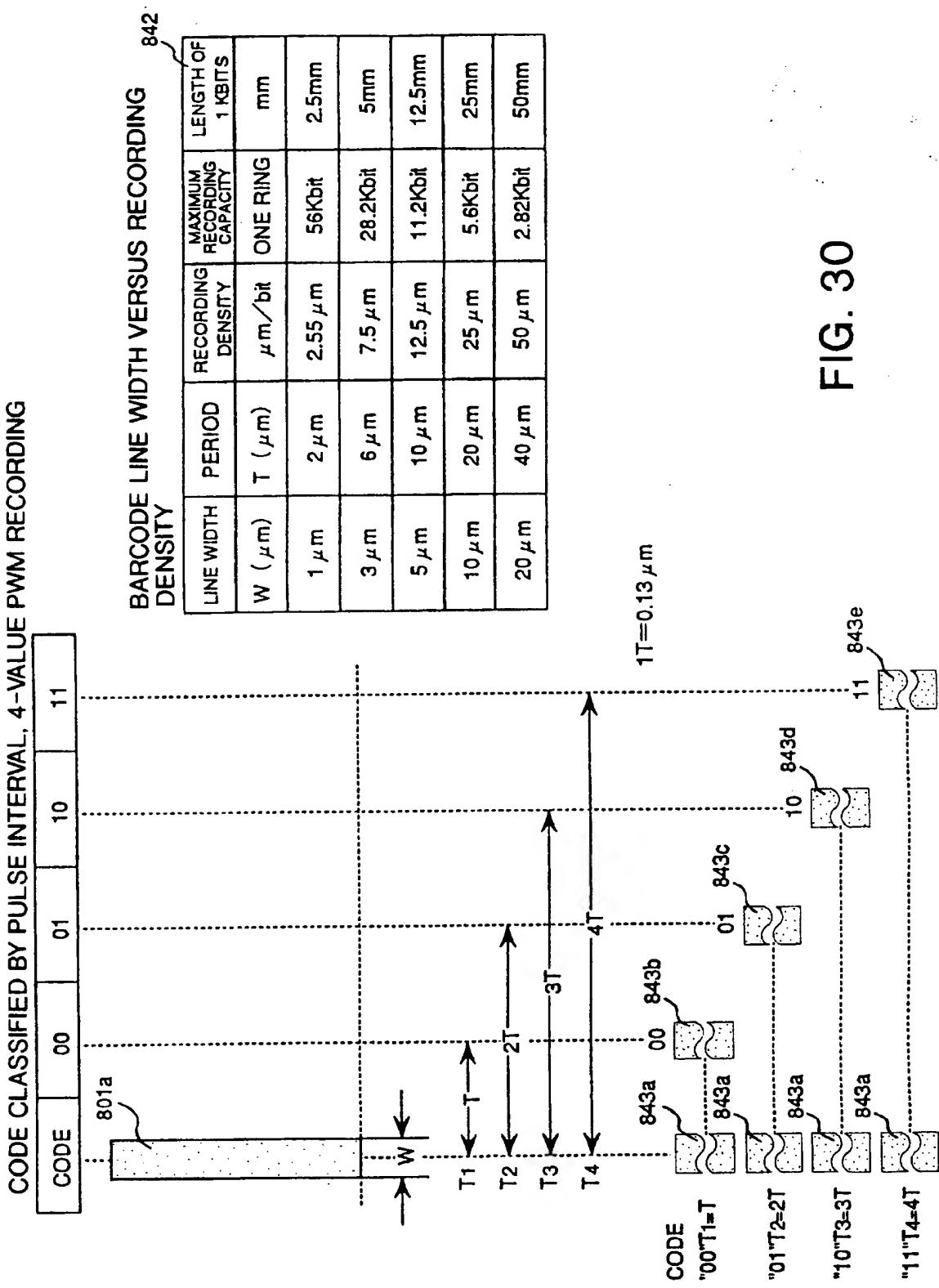


FIG. 30

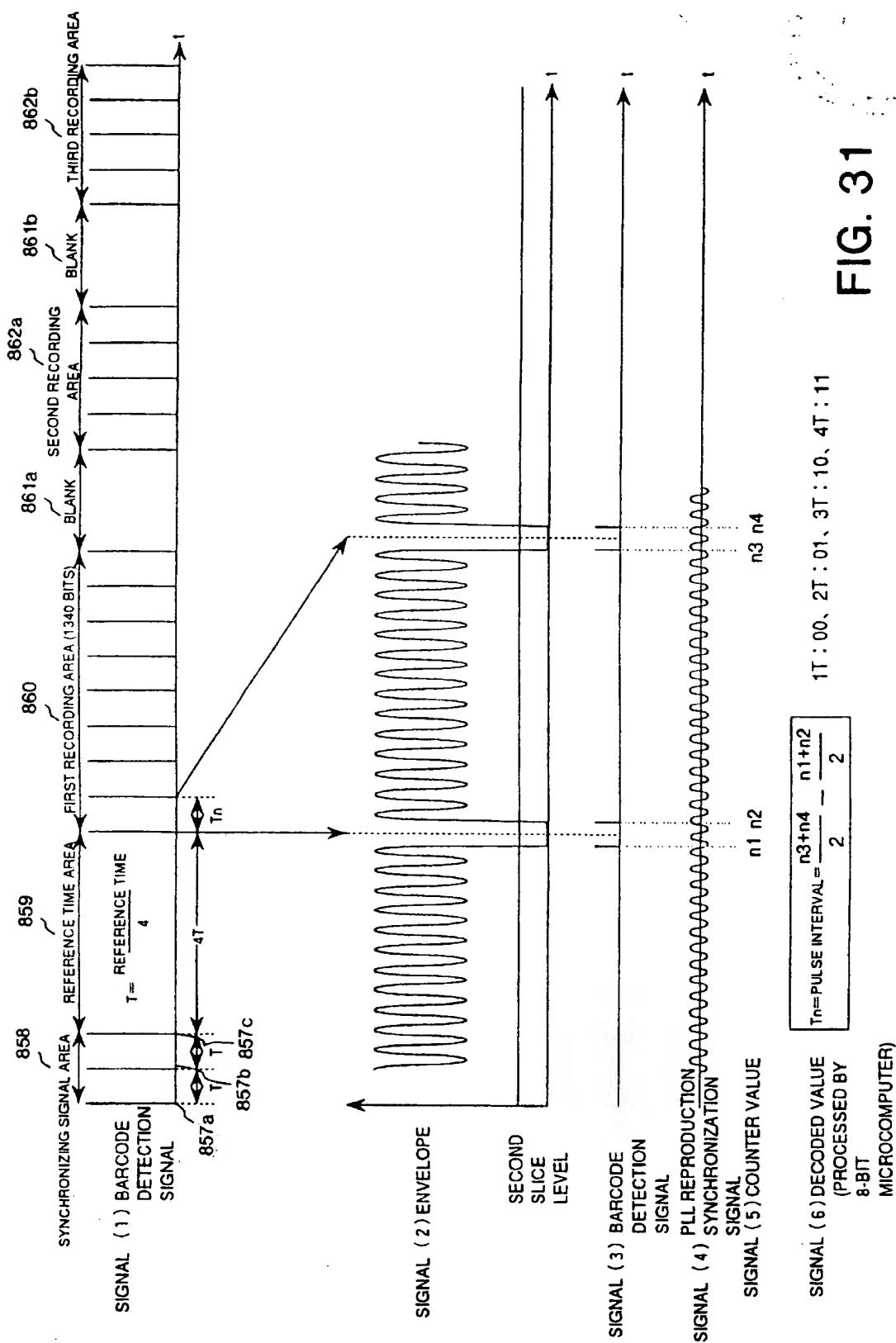
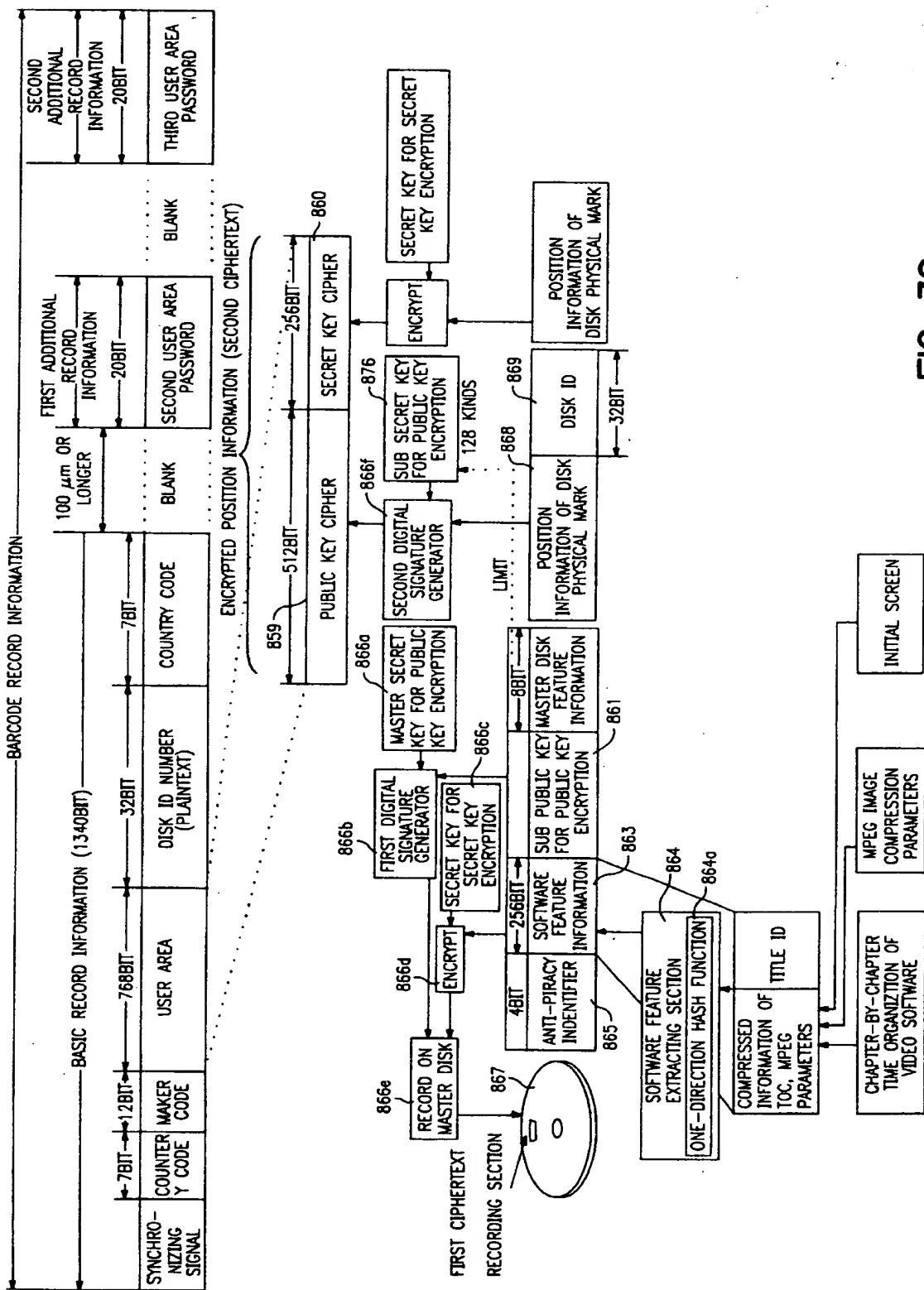


FIG. 32



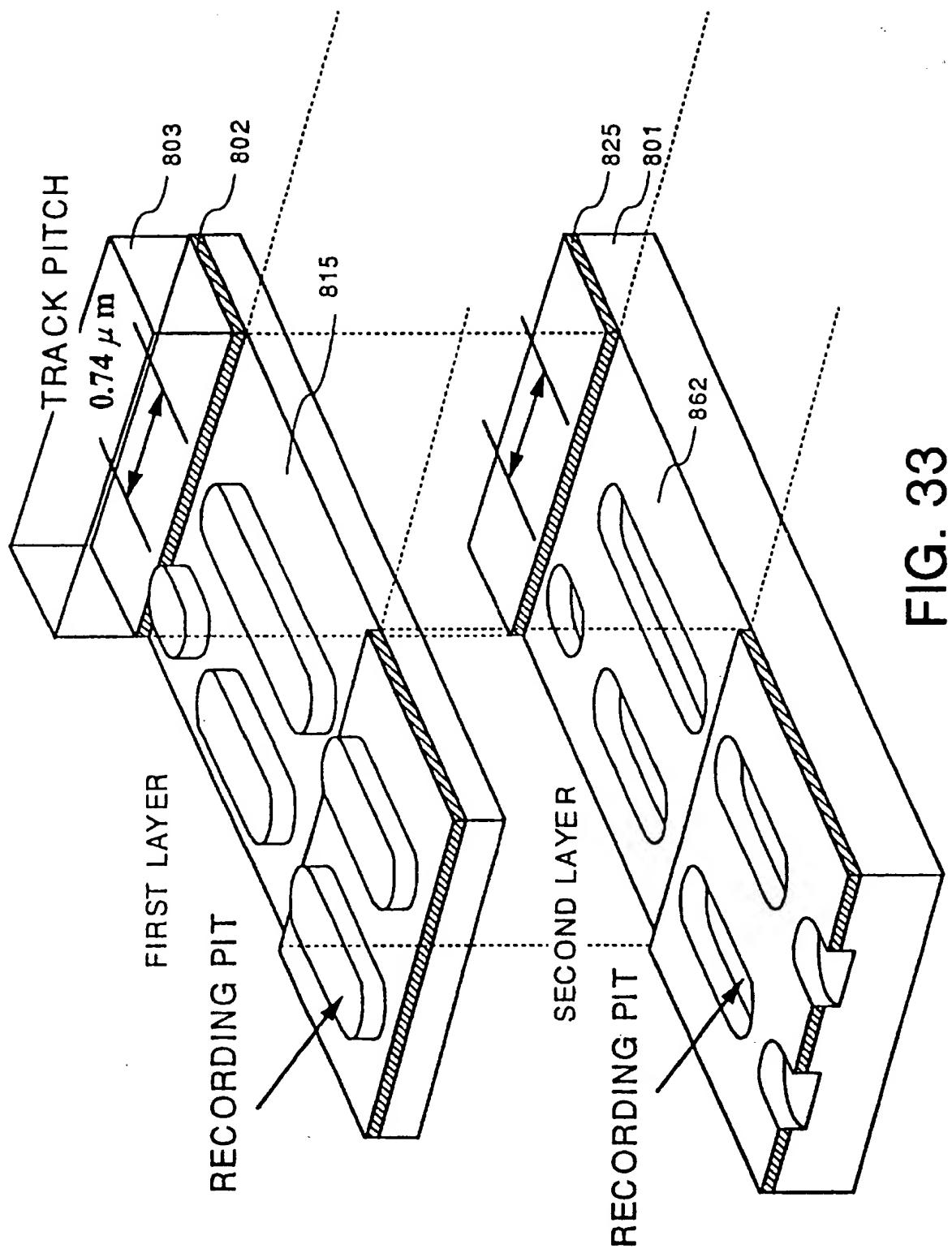
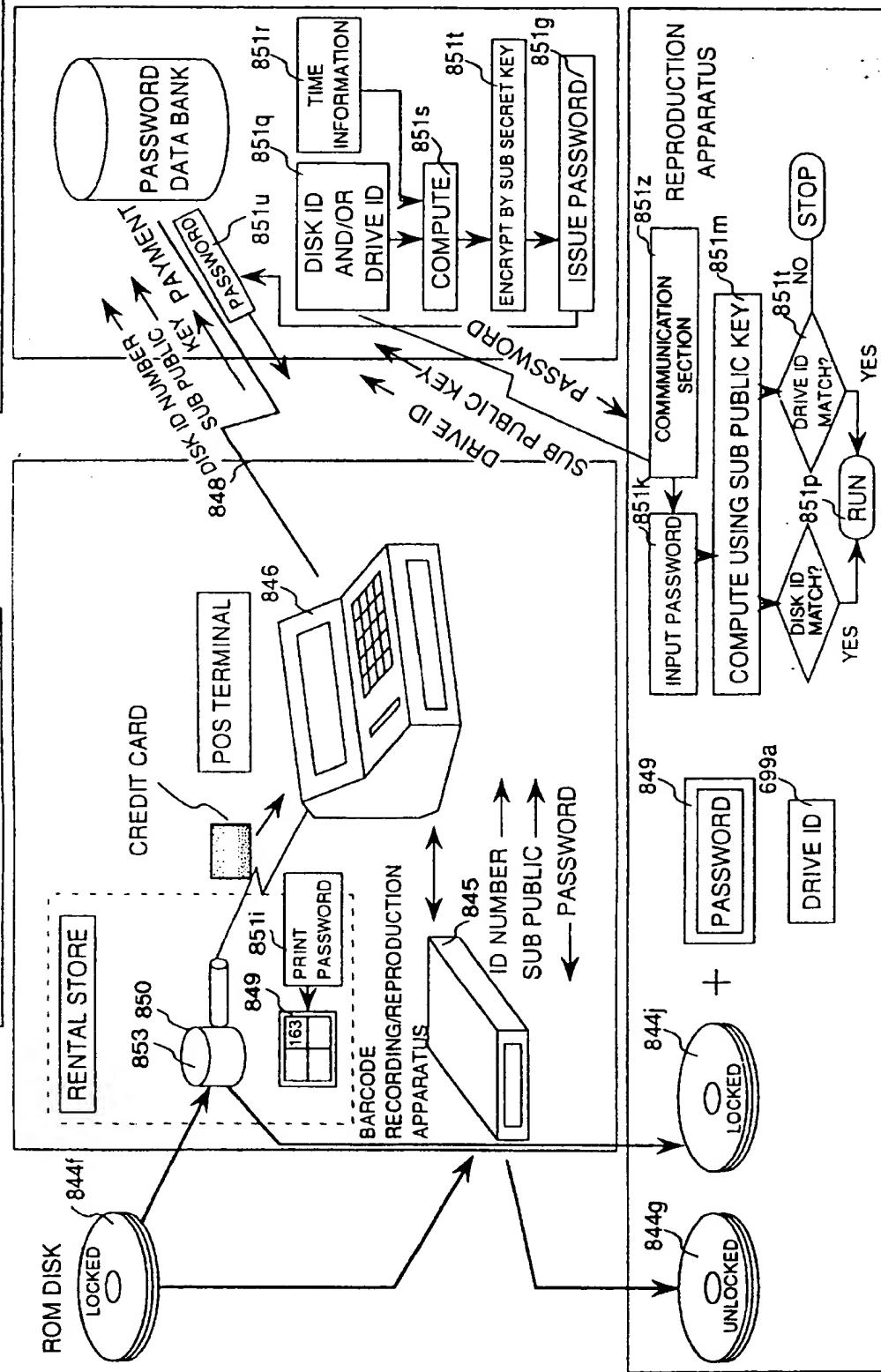
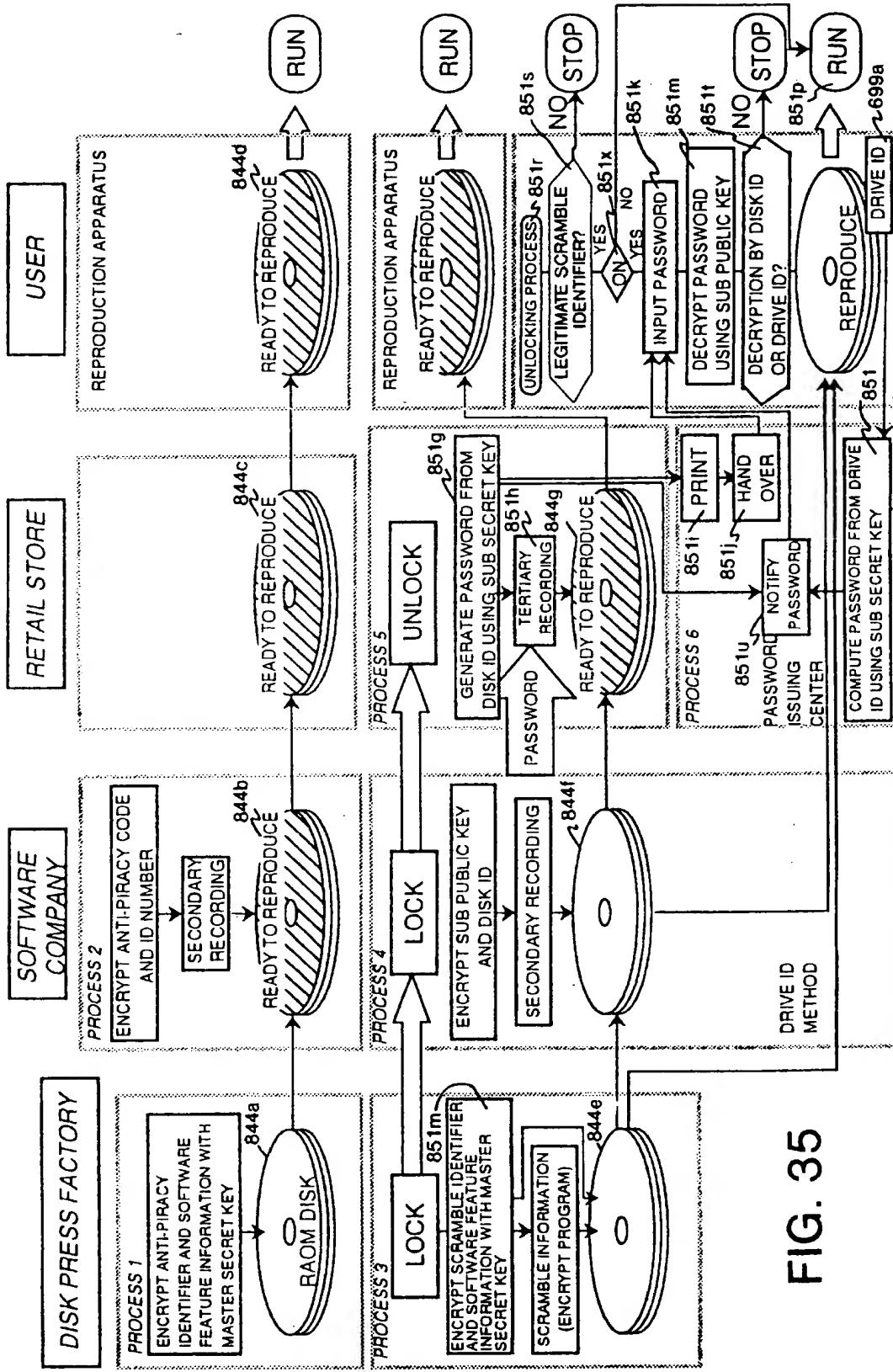


FIG. 33

**FIG. 34 RETAIL/RENTAL STORE**

**PASSWORD ISSUING CENTER**





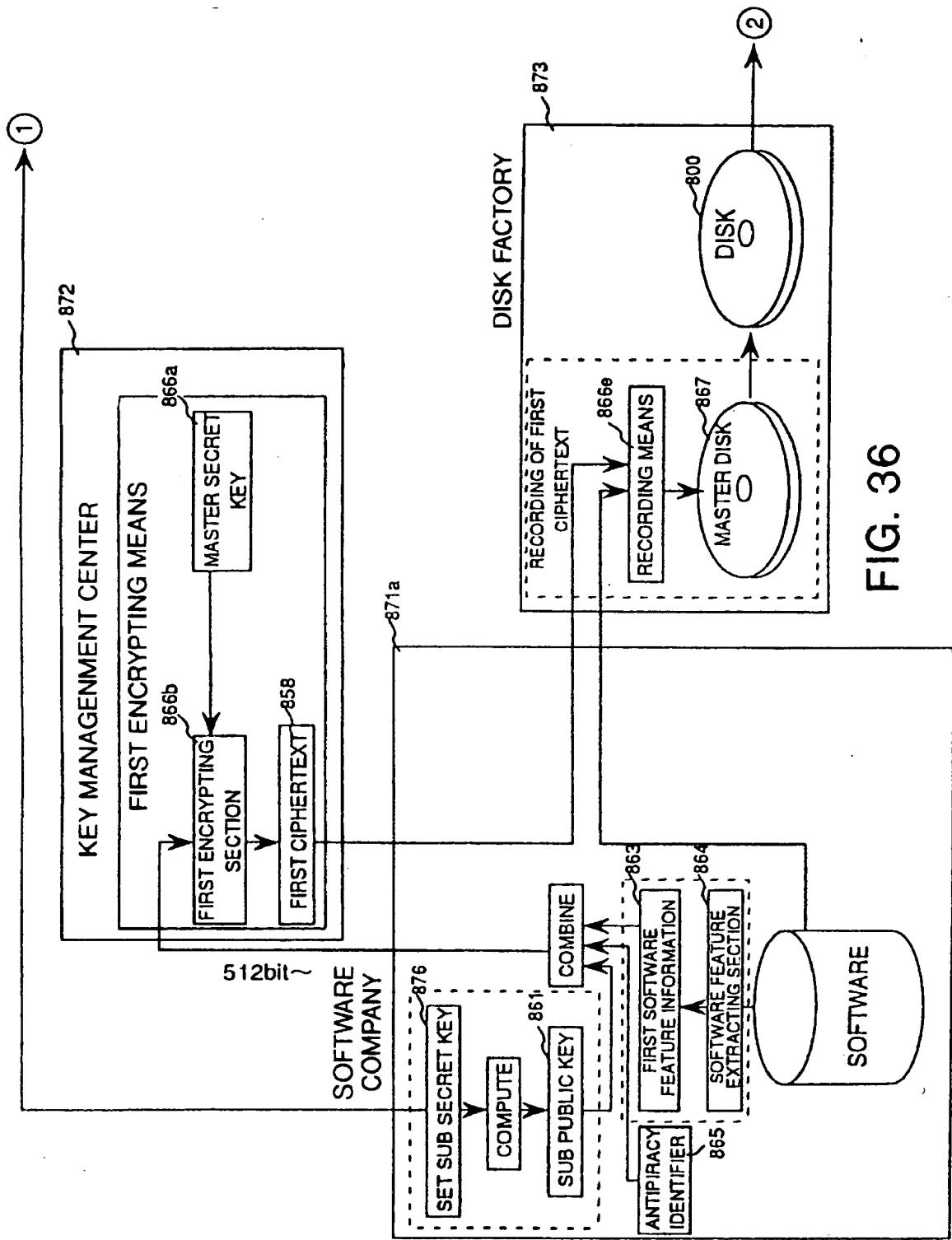


FIG. 37

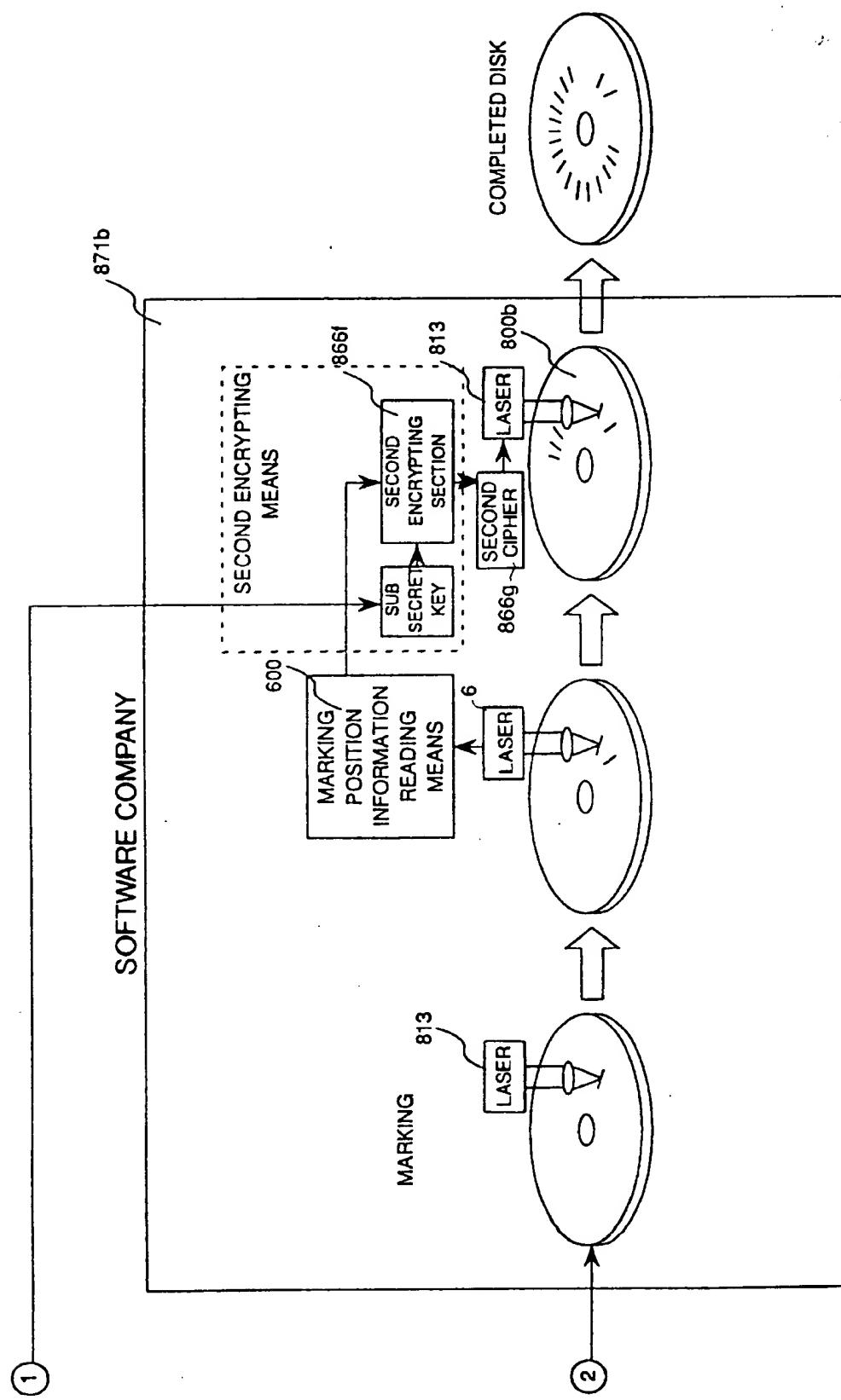
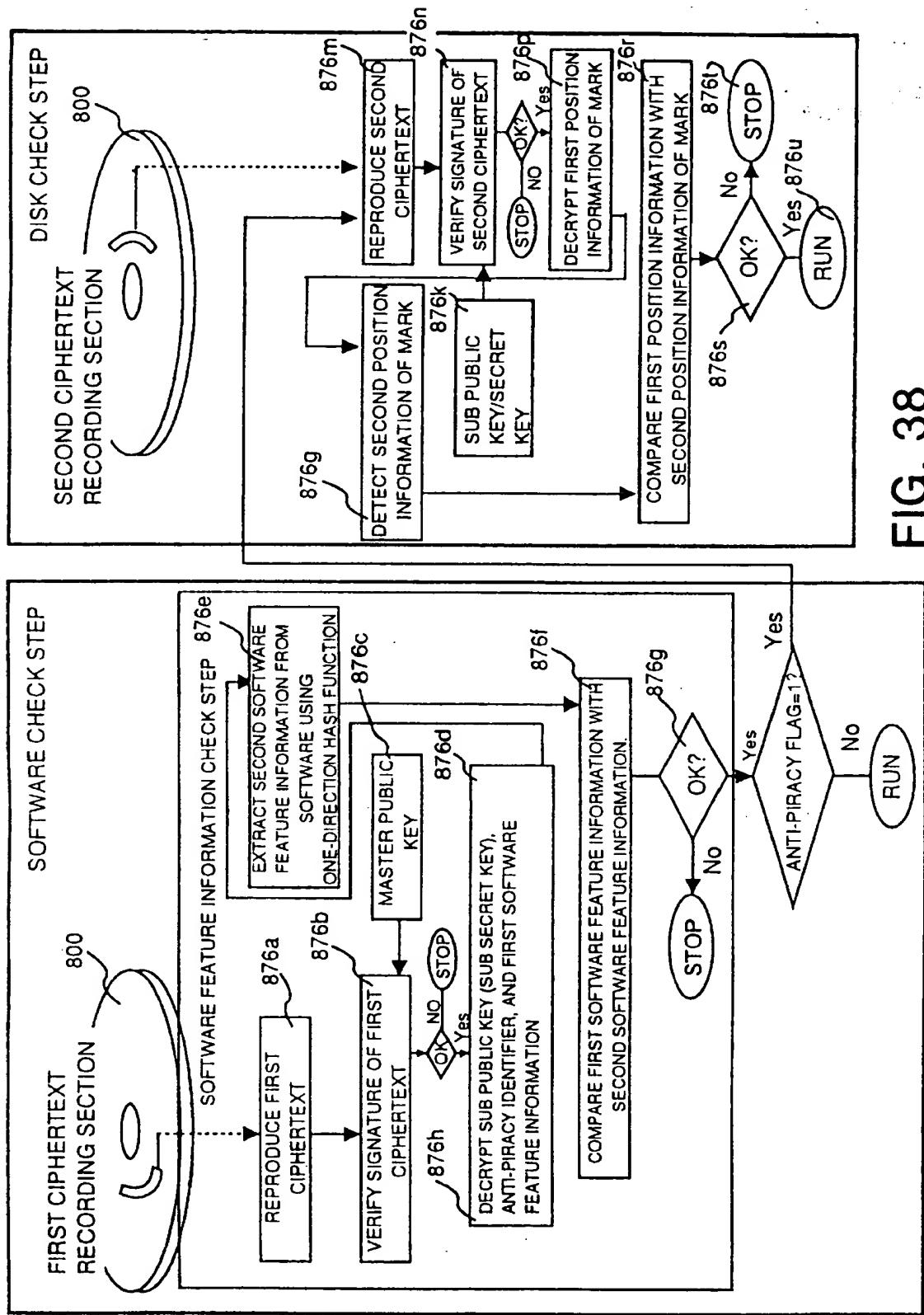
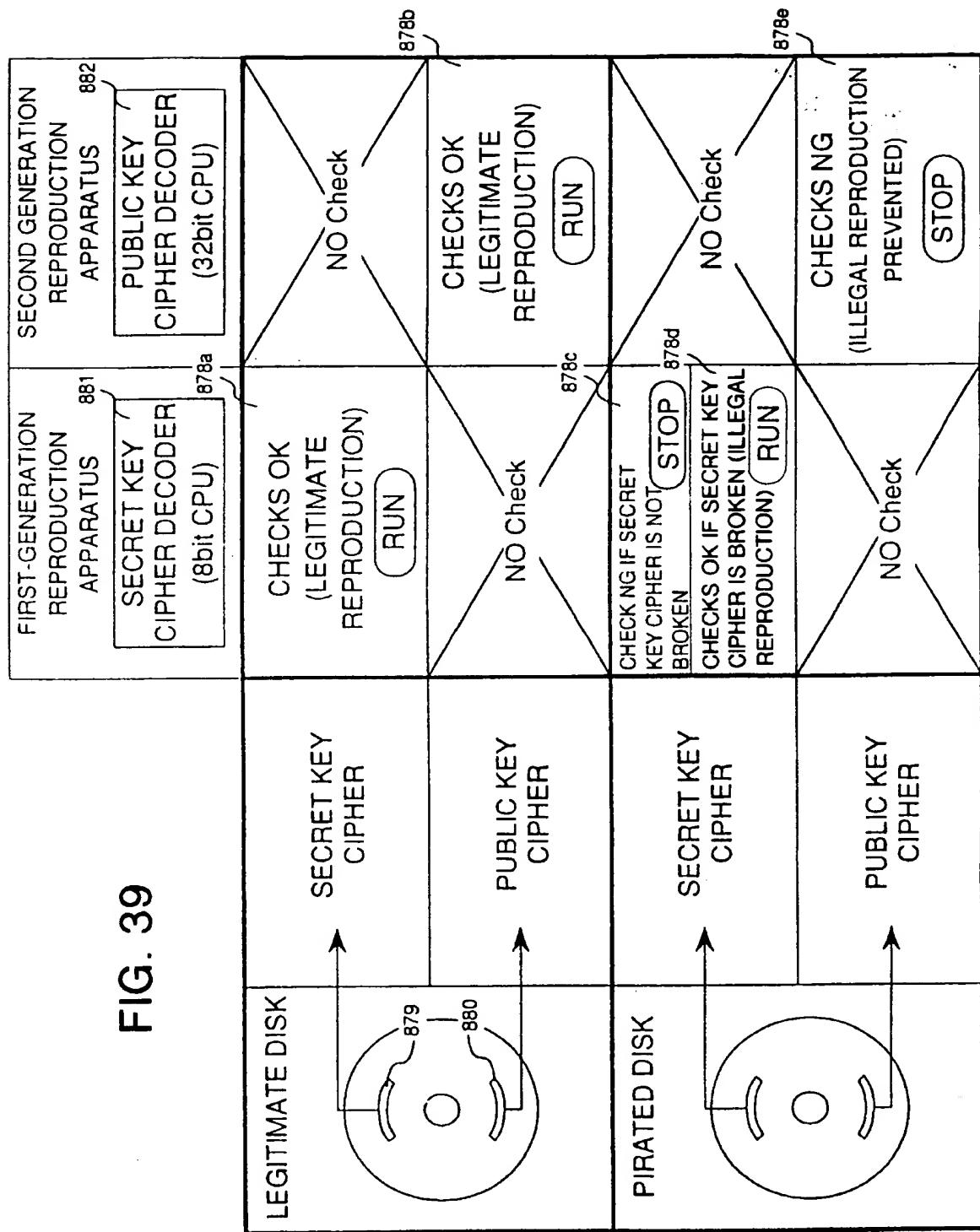


FIG. 38



**FIG. 39**



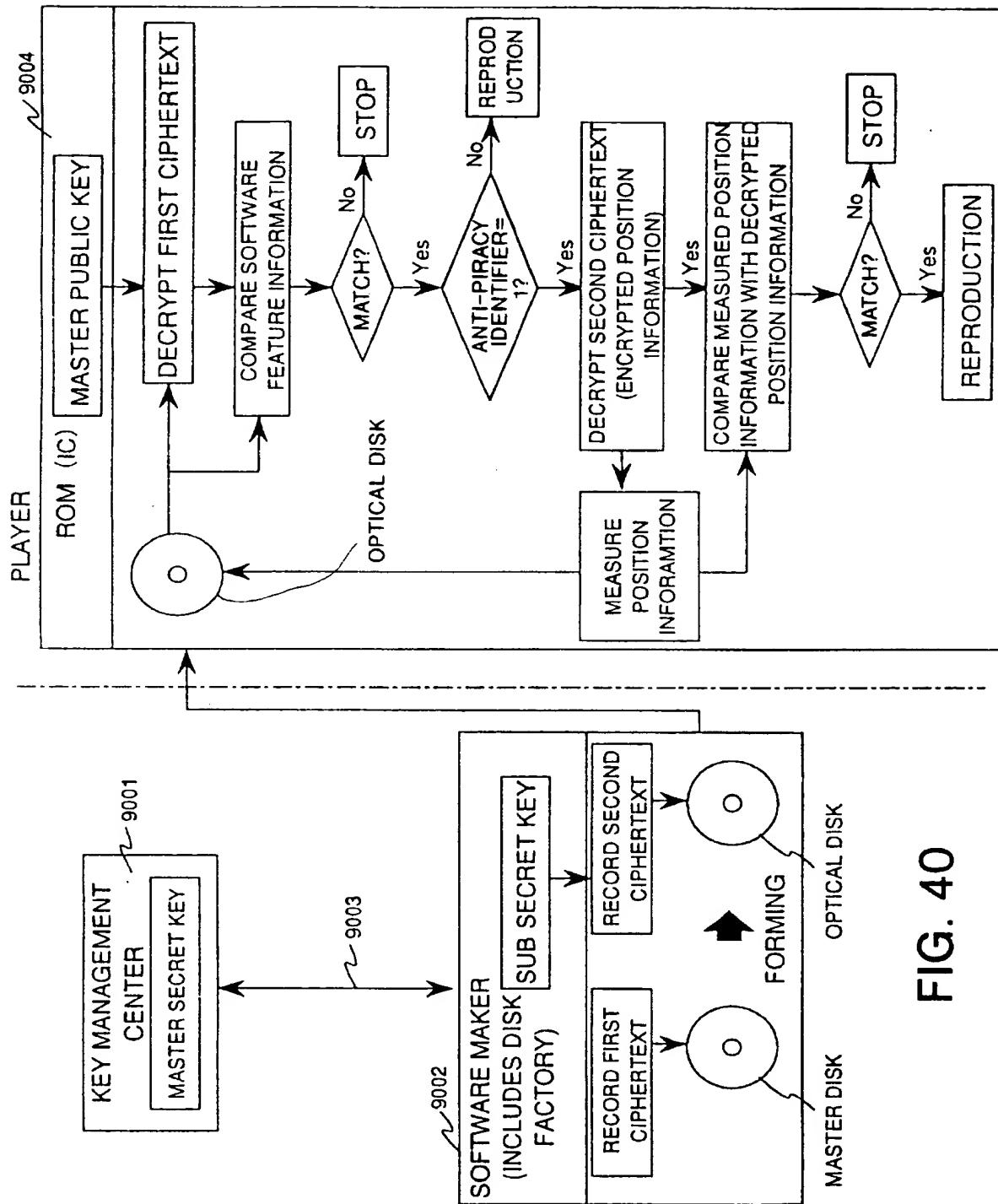
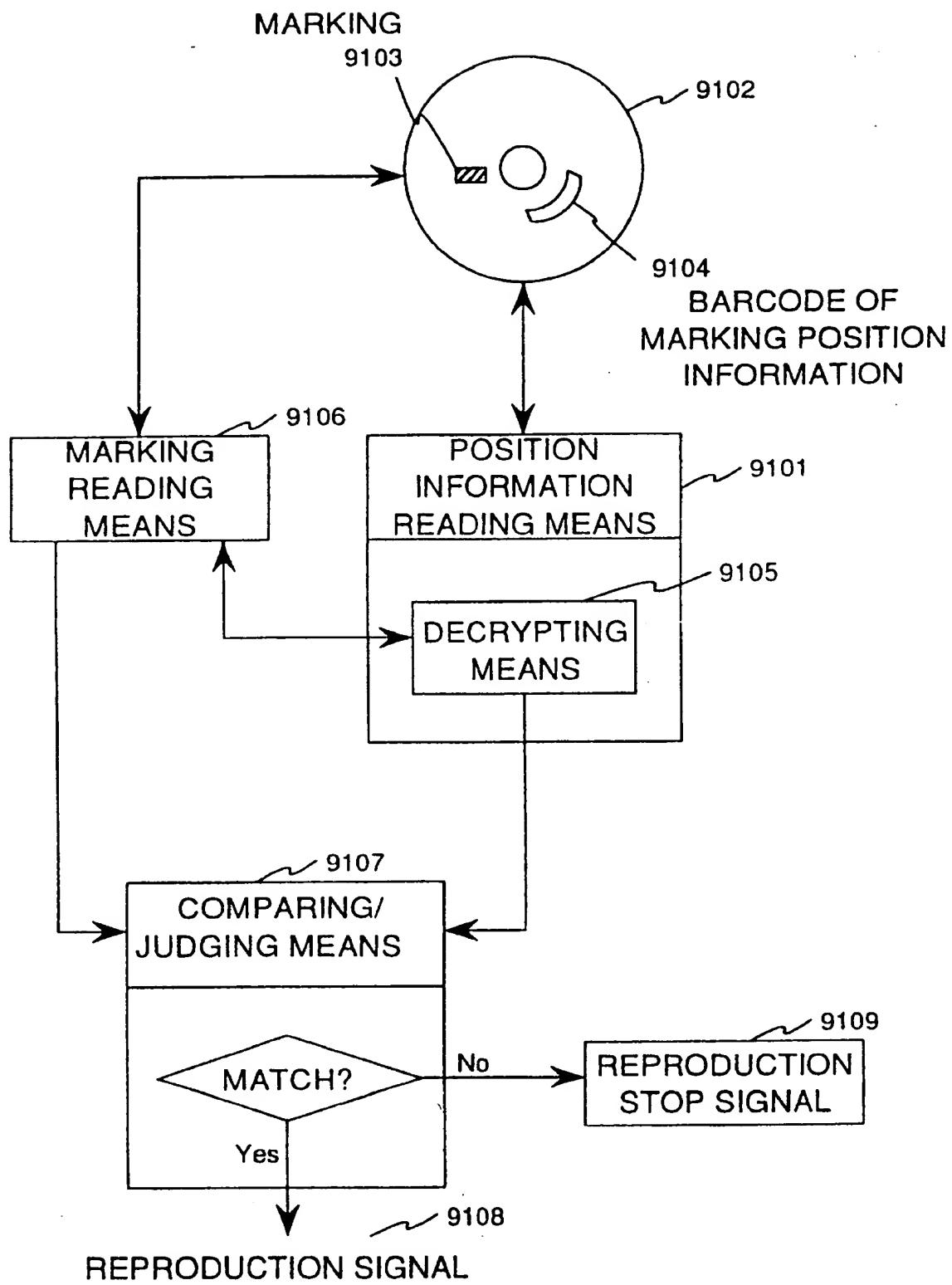


FIG. 40



**FIG. 41**

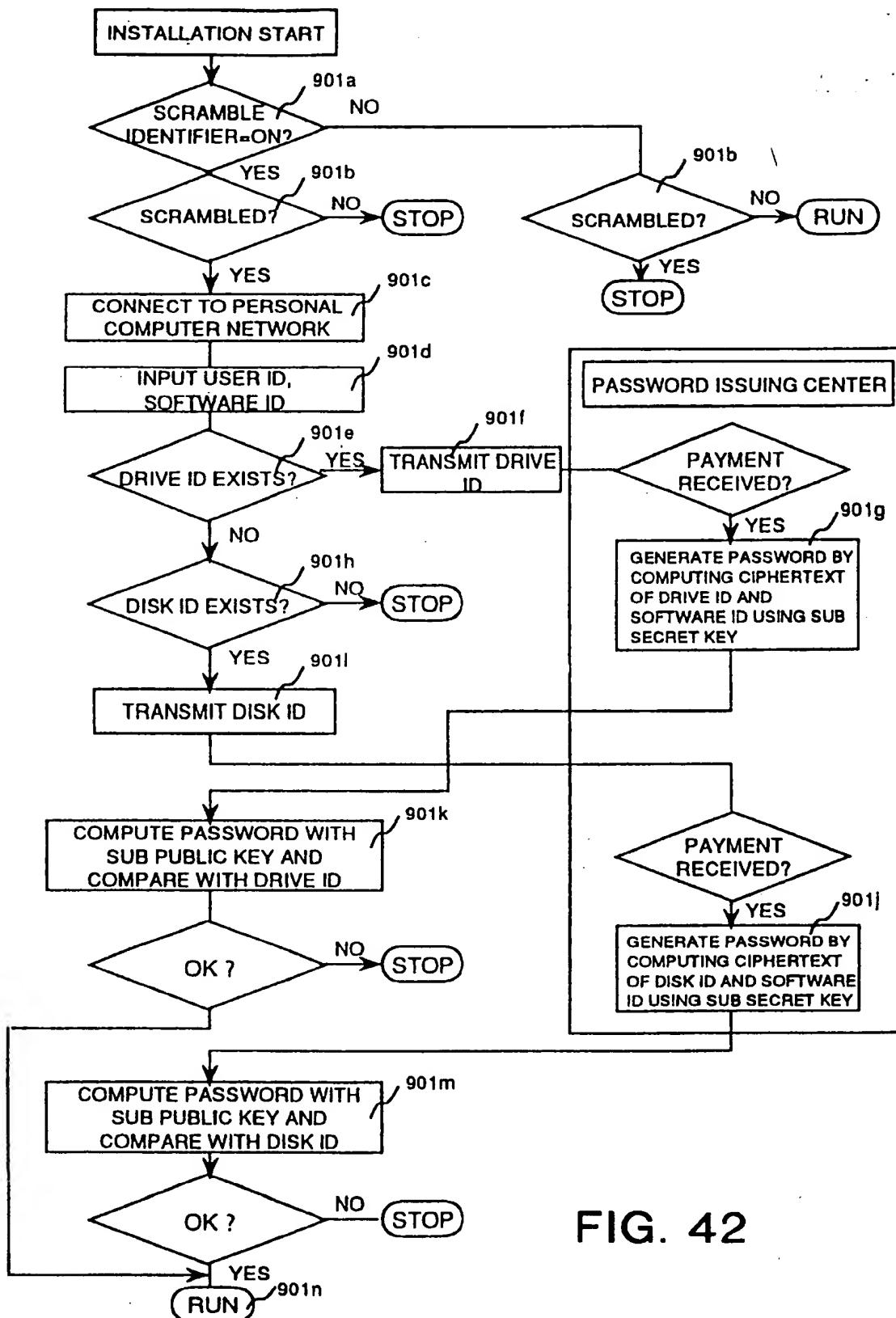


FIG. 42